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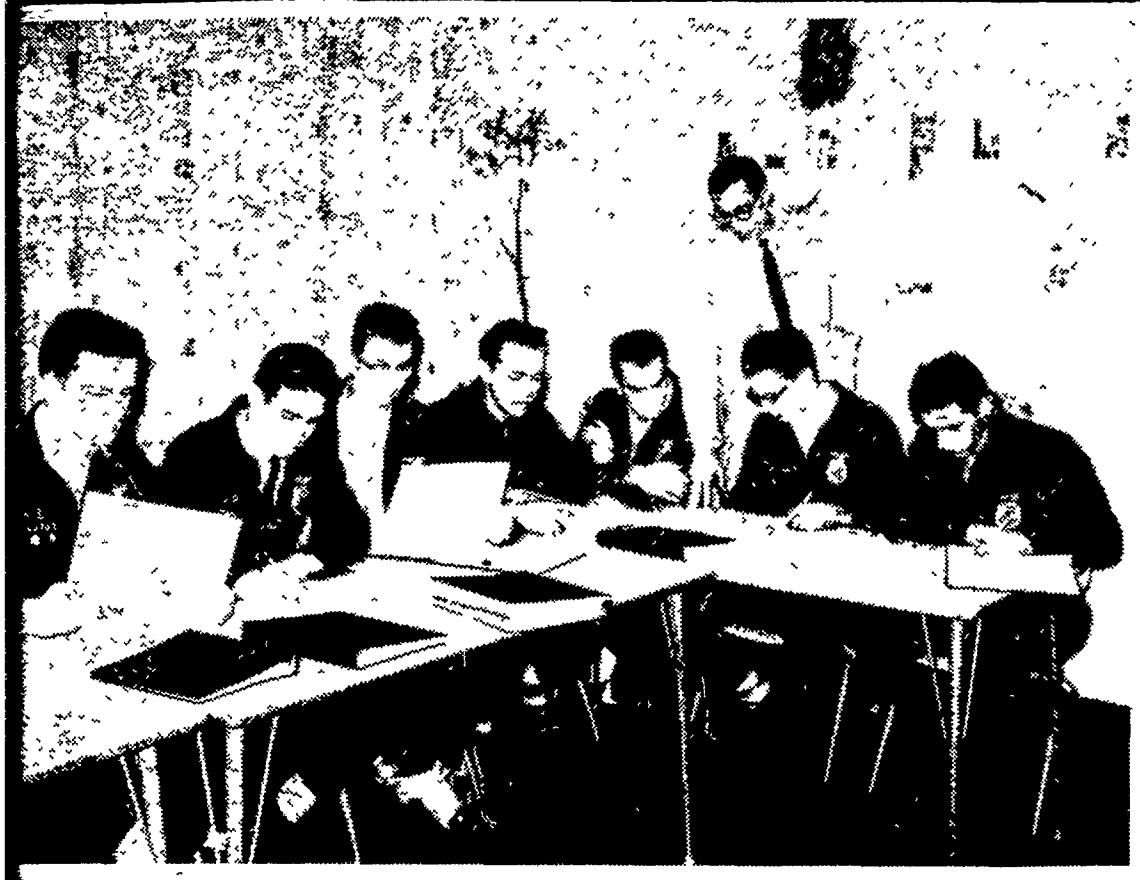
Lancaster Farming

VOL. 8 NO. 2 | Lancaster Farming, Saturday, December 15, 1962 | $2 Per Year



CLASSROOM WORK AND READING LANCASTER FARMING are accomplished at one and the same time by the senior Vocational Agriculture class at Eastern Lancaster County High School, New Holland. The boys, under the direction of their teacher, Mr. Robert Herr, use the newspaper as a basis for discussion groups and in a comprehensive study of livestock marketing trends. They keep a notebook of market news graphs, written reports of news and feature articles and notes on classroom discussion. Seated left to right, are Carl Gehman, Mohnton R2; Larry Weaver, New Holland R1; Donald Zimmerman, Narvon R1; Ronald Brom, East Earl R1; Richard Martin, East Earl R1; Wilmer Martin, New Holland R1, and Sanford Fritz, Stevens R1. Standing, and pointing out an item in the paper, is Grasslands FFA chapter advisor Herr. L. F. Photo.

New Holland Vo-Ag Class Uses Farm Paper As Text

The senior Vocational Agriculture class at Garden Spot High School in New Holland have a new study aid.

The boys, under the direction of their teacher, Robert Herr, are using Lancaster Farming as a supplement to their text and reference books

Each of the seven boys in the class has his own copy of the paper sent to the school each week During a regularly scheduled class period the students read the paper and make oral and written reports on news and feature articles

But more use is being made of the market reports. Each boy in the class is keeping a note book on market trends and prices. Graphs have been made by each boy showing the fluctuations of prices for beef, swine, sheep and poultry at the local markets as well as the Chicago yards and the Delmarva Broiler growing area.

The graphs, maintained each week by the students, will show not only the fluctuations within a market but comparisons between markets as well.

The note books also include clippings and resumes of news and feature articles Each

(Continued on Page 10)

Regional Star Farmer Award Will Go To Kenneth D. Myer

Kenneth D. Myer, a 1962 graduate of Elizabethtown Area High School, has been named Star Farmer of Region

KENNETH D. MYER

II by the state Association of Future Farmers of America.

In recognition of his outstanding achievement as a farm boy and student at the school, the 18 year old son of Mr. and Mrs. Samuel N. Myer, Elizabethtown R3, will receive the award during the annual convention of the state association January 9 in conjunction with the Pennsylvania State Farm Show in Harrisburg.

First runner up in the contest was Larry R. Weaver, 16, New Holland R1, a senior at Garden Spot High School, New Holland.

When Kenneth was 5 years old, his grandfather gave him a calf, and he has been a dairyman ever since. He now has 15 registered Guernseys, and plans to increase his purebred herd to 20 animals in 1963.

With the help and encouragement of his teacher of vocational agriculture, Marlin Henninger, Kenneth set up a "Calf Ring" committee and became its first chairman. With his committee he solicited businessmen in the area and purchased five purebred dairy calves. Kenneth was selected by a committee of his teacher and businessmen to receive one of the first calves. The calf he received recently freshened and her calf has been returned to the chapter to be awarded to another boy on December 21.

He raises tobacco on a 50--50 arrangement with his father and pays rent for land on which he raises wholly owned crops of corn, barley and wheat. He expects to rent a nearby 70-acre farm but will continue working with his father on the family farm. While in school he won

(Continued on Page 7)

...o. Dairymen ...eceive Awards ...rom Nat'l Ass'n

...Two Lancaster County Hol...in breeders were named ...is week to receive the Pro...essive Breeders Award — ...e highest recognition at...inable by a breeder of Reg...tered Holstein cattle.

...Herbert and Rhelda Royer, ...25 Oregon Pike, Lancaster ...ll receive the award for the ...cond consecutive year.

...J. Mowery Frey and Son, Lancaster R7, have been so recognized four times previously

The Holstein-Friesian Association of America has awarded this honor to only 512 breeding establishments, including 57 in Pennsylvania.

To quality for the Progressive Breeders' Award, a breeder must meet strict requirements in all phases of dairy cattle breeding and management, including production, type improvement, herd health and the development of home-bred animals.

The Royer herd completed its latest Dairy Herd Improvement Registry testing year with a lactation average — calculated on a two milkings a day, 305 day mature equivalent basis — on 23 individual records of 14,270 lbs of milk and 541 lbs of butterfat.

The herd has been officially classified for type with a breed age average of 101 9 per cent — obtained by dividing the classification score of each cow by the average score of all Registered Holstein cows of the same age.

The Frey herd completed its latest Herd Improvement Registry testing year with a lactation average — calculated on a two milkings a day, 305 day mature equivalent basis — on 71 individual records of 14,585 lbs. of milk and 582 lbs. of butterfat.

The herd has also been officially classified for type with

(Continued on Page 6)

Editor To Speak At SCD Banquet

Jack Owen, Editor of Lancaster Farming, will be the main speaker at the banquet and annual meeting of the Lancaster County Soil Conservation District. The meeting will be held March 6 at Hostetter's banquet hall in Mount Joy.

JACK OWEN

Owen, public relations representative for the district, was presented a certificate in recognition of his activities in the conservation of natural resources at the 1962 banquet. He will speak on "telling the story of conservation."

Awards will be made to the outstanding Farmer Cooperator and the outstanding Associate director.

A sound, color, motion picture titled "Beyond Tomorrow", produced by the Soil Conservation Service of the State Department of Agriculture will be shown.

Farm Calendar

...c. 18 — 7 30 p.m. — Lincoln Community 4-H club meets at the home of Ira Zartman, Ephrata R1.

...8 p.m. — Manor Young Farmers meet in the Penn-Manor High School. Election of officers and class on farm mechanics.

...7:15 p.m. — New Holland Young Farmers meet at the high school Class on handling tobacco. Benn Mann of Lancaster Leaf Tobacco Co. will lead discussion.

...c. 19 — 6·30 p.m. — County Farm machinery dealers annual banquet at Hostetters, Mount Joy.

...c. 20 — 7.30 p m. — Manheim Young Farmers meet in the Manheim Central High School. Class on toba-

(Continued on Page 10)

FIVE-DAY WEATHER FORECAST

Temperatures during the next five days are expected to average more than eight degrees below the normal range of 26 at night to 42 in the afternoon. Continued cold weather will continue through Sunday. Not quite as cold Monday and turning colder again about Tuesday or Wednesday. Precipitation is expected to total 0.2 to 0.6 inch (melted) falling as frequent snow flurries and as more general light snow Sunday or Monday and again near the end of the period.

Market News Reports

At Lancaster Yards

WEEKLY REVIEW

Friday, Dec. 14

CATTLE 2550 Compared with 2577 head last week. Supply includes 50 percent slaughter steers and 40 percent feeder steers. Trading very slow. Cows 25 higher Bulls steady. Feeder steers steady.

Slaughter steers Lot Choice 978 lbs 32 00, Choice 950-1300 lbs 29 00-30 50, load high Choice 1152 lbs. 31 00, Good to low Choice 25 50-29.-00, Standard 23.00-25.50.

Heifers: Lot Choice 888 lbs. 26 75, Load mostly Good 862 lbs 25.75.

Cows Cutter and Utility 15 50-17 00, Canner and low Cutter 14 00-15 50, Shelly canner down to 11 00.

Bulls Utility and Commercial 19.50-22 50, Good grade 22 50-26 50.

Feeder steers: Good and Choice 700-950 lbs. 24 25-27.-75, Medium and Good 22 00-24 50 Good and Choice 450-600 lbs 26 00-29 00.

CALVES 575. Compared with 497 head last week Trading active Vealers 1 00-2 00 higher Good and Choice 29.-00-35 00, Choice and Prime 35 00-42 00, few to 45 00 Standard and low Good 25 00-29 00, Utility 20 00-25 00

HOGS 1400 Compared with 949 head last week Trading moderately active. All classes steady.

Barrows and gilts U S 1-2 18 50-19 50, No 1 190-225 lbs 19 50-20 00, 1-3 190-240 lbs 18 00-18 75, 2-3 240-260 lbs 17 25-18 00

Sows U S. 1-3 300-450 lbs. 14 00-16 00, 2-3 450-600 lbs. 12 50-14 00.

SHEEP 350. Compared with 276 head last week Trading moderately active. Wooled slaughter lambs about 1.00 higher.

Choice 65-105 lb wooled slaughter lambs 20.00-22 00, Good grade 16 00-20.00, Utility 13 00-16.00.

Black bear cubs are born during late February or early March while their mother is in her winter's sleep They are nearly hairless at birth, weigh about 10 ounces Their eyes do not open for about 40 days

The present inhabitants of Israel came from over 79 nations and from all five continents

Chicago Cattle

WEEKLY REVIEW

Cattle — Salable receipts first four days 36,100, compared 36,000 week ago and 42,900 year ago.

Slaughter steers grading high Choice and Prime steady to 25 lower with average Choice and below 25-75 lower Heifers steady to 25 lower with reduced supply of heifers main price supporting factor Cows uneven, Utility and Commercial weak, Canner and Cutter strong to 25 higher Bulls fully 50 higher Few feeders steady

Slaughter steers Around two dozen loads Prime 1175-1375 lbs 31 75-32 25, including four loads at 32 25, Bulk High Choice and Prime 1150 1400 lbs 30 50-31 50, including load Prime 1175 lbs at 31 25 Not many loads weighed over 1375 lbs Bulk Choice 1100-1400 lbs. 29 00-30 50, few loads mostly High Choice 1200-1350 lbs 30 75 Bulk Choice 900-1100 lbs 28 00-29 50, load High Choice and Prime 1000 lbs 20 75 and load Prime 1050 lbs. 30 25 Most Good 25 00-288 00 with Several Loads Mixed Good and Choice 27 50-28 50 Few Standard 23 00-24.50 Load Mixed Utility and Stand rd 22 50.

Slaughter Heifers. Load mostly High Choice with few Prime 1100 lbs 29 00 Bulk Choice 850-1050 lbs. 27 75-28.75 Good 24 50-27 00 with Mixed Good and Choice mostly 27 00-27 50.

Cows Utility and Commercial closed at 13 75-16 00, few 16 25 Canner and Cutter 10 -50-14 00

Bulls Utility and Commercial late 18 50-21 00, Cutter 16 00-19 00.

Feeders Action in the feeder division very limited Load Mixed Good and Choice 650 lb steers 27 00 Load Good 450 lb steer calves 28 00

Vintage Sale

Dec. 11, Tuesday

CATTLE: 607. Supply includes 33 percent cows. Compared with last Tuesday's market, slaughter steers highly uneven, some sales on Choice grade cattle 25 lower, some sales for Good grade 25 higher.

Cows steady to 50 higher. Bulls 50-1.00 lower. Choice grade 950-1300 lbs. slaughter steers 29.25-30.50, Good to low Choice 26.25-29.25, Standard 23.50-26.50.

Cows Cutter and Utility 15 00-16.50, few to 17.00, canner and low cutter 14.00-15 00, Shelly canner down to 12 00.

Utility and Commercial bulls 19 00-21 50, few Good grade 23.00-26.85.

CALVES 504. Vealers grading Choice and Prime steady to 2 00 higher Good grade and below steady. Good and Choice vealers 29.-50-35 00, Choice and Prime 36 00-43.00, few to 45.00,

New Holland Auction

Thursday, Dec. 13

CATTLE. 1029 Supply includes 34 percent cows Compared with last Thursday's market, slaughter steers grading High Good and Better 50 lower. Average Good and below 25-50 lower. Cows grading Utility steady Canner and cutter 25-50 higher. Bulls steady.

Choice 950-1325 lb slaughter steers 28.75-30.00, several 30 10-31 00 Good to low Choice 25.50-29.00, Standard 22.00-25.50.

Cutter and Utility cows 15.-25-16.25, few to 17 00, Canner and low Cutter 14.00-15.25, Shelly canner down to 12.00.

Utility and Commercial bulls 19.00-23.00, Good grade 23.00-27 00. 4 lots Choice 715-937 lb. feeder steers 25.60-26.60

CALVES: 355. Vealers steady to 3.00 lower.

Good and Choice 31 00-35.-00, Choice and Prime 35.00-41 00, few to 45 50, Standard and low Good 24.-00-29 50, Utility 21 00-24.00

HOGS 244. Barrows and gilts steady to 50 lower.

Few lots U. S. No 1 202-225 lb barrows and gilts 20.-00-20 10, 1-2 200-228 lbs. 18.-50-18.75, 1-3 183 232 lbs. 18.-00-18.50, Several lots #2 240-246 lbs. 17.35-17 75. Few lots U S. No. 1 164-176 lbs. 18.-10-18.35

SHEEP 28 Utility and Good Wooled slaughter ewes 4 00-6 00

and low Good 26 00-31 00 Utility 20 50-26 00.

SHEEP 28 Few Good and Choice 70-110 lb wooled slaughter lambs 15 00-18 50

* * *

New Holland reported slow market and prices $15-$25 lower on dairy cattle at the December 12 auction.

There were 117 cows, seven bulls and one heifer in the run. Fresh Holstein cows brought $275-425; Guernseys $165-215, and other breeds $165-240. Stock bulls changed hands at $140-220.

Horses at the December sale were barely steady on most kinds with killers selling steady to slightly stronger.

The run consisted of 110 head of horses and ponies. Mare ponies brought $60-$90 with geldings going at $80-110. Riding horses sold from $110-220 and driving horses crossed the block at $110-240. Killers were 7 to 7½ cents.

At the December 10 sale of hogs, the 544 head sold 25-50 higher than the previous week A total of 25 shoats also sold.

Retail hogs to local butchers brought 19.50 to 20 85. Wholesale hogs to the packer brought 18 60 to 19.50 with fat hogs over 240 pounds bringing 16 75 to 18.35. Shoats brought $9 to $13 per head.

The 132 calves sold steady to strong on the December 12 auction. Choice calves went 37-41, good and choice 34-37, standard 28-33, and cull and common were 15 to 25.

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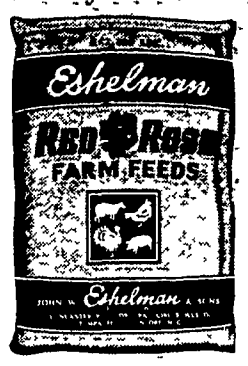

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LANCASTER POULTRY CENTER

Broilers Down Two Cents

Broiler prices at the December 13 auction dropped nearly two cents a pound below the average of a week before. This week's sale average was 14 62 compared to the 16.4 of the previous week.

Only 21,300 broilers in six lots changed hands as growers resisted the lower prices. However only four lots of broilers containing 15,900 head failed to sell at the offered 14.4 to 14 8. The prices of birds sold ranged 14 4 to 15.4 with 82% going at 14.5.

Heavier birds went unsold as nine growers refused bids of 14.4 to 22. Four lots containing 2, 625 roasters brought 18 to 27 5 while 4,-725 pullets in six lots sold at 25.2 to 27.3.

Five lots containing 3,350 heavy fowl brought 17.2 to 18.3, and 1,625 leghorn fowl in three lots crossed the bock at 8.6 to 9.5.

CODE: H-F-Heavy Fowl, WX-Vantress Cross, WV-White Vantress, C-Cockerels, P-Pullets, PLP-Pilch Ledbrest Pullets, MWX-Martin's White Cross, IR-Indian River, BXC-Barred Cross Cockerels, L-F-Leghorn Fowl, LC-Ledbrest Cockerels.

1. Longenecker's Hatchery, 1000 H-F, Marvin Sweigart, 18.2; 2. Miller & Bushong (Lloyd Wenger), 6500 WX, 9-2, NO SALE, 14.8 BID; 3. Harvey M. Zimmerman, 600 WVC, 13-0, Daniel K. Good, 26 8, 4. Same, 600 WVC, 13-0, Carl B. Risser, 27 5; 5. Greider Leghorn Farms, 250 H-F, 15 mo, Marvin Sweigart, 18 0.

6. Same, 70 Males, Marvin Sweigart, 8.6; 6 Same, 250 H-F, 15 mo, Daniel K Good, 18 3; 7. Same, 260 H-F, 15 mo, W. C Mellinger & Son, 17.7; 8. Daniel B King, 900 WVP, 17-0. Daniel K. Good, 27 3; 9. A L. Harnish, 2000 WVXC, 12-1, NO SALE, 18 0 BID, 10 Richard Trostel, 1600 H-F, 1 yr., W. C. Mellinger & Son, 17 2; 100 Males, W. C Mellinger & Son, 7.0.

11. M&B (John L. Herr), 1500 WVP, 14-2, Carl B. Risser, 25 2, 12. Raymond Zimmerman, 5000 WV, 9-0, NO SALE, 14 4 BID; 13. M&B (Lester Shirk), 3000 WV, 9-0, NO SALE, 14 6 BID; 14. Glenn H. Herr, 800 SXC, 12-0, WITHDRAWN PRIOR TO SALE; 15. M&B (John McMichael), 5700 WV, 8-6, Daniel K Good, 14 6.

16. Same (Clarence Huber), 700 WVC, 11-2, Daniel K. Good, 18 0; 17. Same, 700 WVP, 11-2, NO SALE, 17.0 Bid; 18. Same (Clarence Hilsher), 800 WV, 10-5, NO SALE, 14 0 Bid; 19. Same (Harold Hollinger), 1800

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● Delmarva

Price Gains A Quarter Cent

Live broiler prices in Delmarva increased about a quarter cent during the 24 hour period ending 10:30 Friday morning

A fair demand took the light live offerings. Ready to cook demand was slow in developing Estimated slaughter by eastern shore processors for the week end was 584,000 head compared to 817,000 head last week end.

Prices in Delmarva during the period ranged from 13.9 to 15 6 for 736,000 head including 493,000 head purchased at Thursday's auction at the Eastern Shore Poultry Growers Exchange.

The Delmarva broiler-feed ratio for the week ending December 7 was up three points to 3.0. Broilers during the week averaged 14.72 and 20 per cent mash cost the grower $96 77 per ton.

The ratio for the comparable week a year ago was 3 3 when broilers averaged 15.17 and mash cost the grower $91 50 per ton.

One sixth of the nation's food energy and 75 per cent of its calcium requirements come from dairy foods

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Commercial broiler production next year is expected to increase by four per cent to a total of more than two billion.

Weekly New York Egg Mkt.

From Monday, December 10th to Friday, December 14th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Ex. Fcy. Hywts.	40½	41½	42	43	44
Fcy. Hywts.	38½	39	39½	40	41
Fcy. Med.	35	36	36	35	35
No. 1 Med.	34	35	35	35	35
Pullets	31	31	31	31	31
Peewees	25	25	25	25	25
BROWN					
Ex Fcy. Hywts.	42	42	42	43	43
Fcy. Hywts.	41	41	41	42	42
Fcy. Med.	35½	36	36	36	36
Pullets	31	31	31	31	31
Peewees	25	25	25	25	25
MIXED					
Fcy. Hywts.	38	38½	39½	39½-40	40½
No. 1 Med.	33½	33½-34	34	34	34
Pullets	28-29	28-29	29	29	29
Standards	36½	37½	37½	38	39
Checks	32-32½	32-32½	32	30½-31	30½-31

TREND: Market clearing well in most quarters on top grades. Mediums still showing ample supplies for the demand

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A Navy flag officer (Admiral) recently received a letter from a former journalist who had served on his staff, and is now a reporter on a daily newspaper. The letter said, in part, "The main purpose of this letter is to thank, through you, the Navy for the fine training I got from them. This includes not only journalism traing, but adult training, too In other words, thanks for making me more of a man than when I entered the service in 1957."

Depend On Reputable Nurseries

Many of Pennsylvania's commercial nurseries have highly trained people on their staffs. There are also many nurserymen who are very capable because they have had much experience in the field A O. Rasmussen, Penn State ornamental horticulture specialist, says your best bet is usually a nursery that is convenient, well established and enjoys a good reputation.

Planning Begins Now

FOR NEXT YEARS

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- Delivery as Requested Between Now and June 28, 1963.
- Early Winter Delivery Discounts.
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- On The Farm Storage Arrangement
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Contracts - Blessing Or Bugaboo?

Contract farming, vertical integration, or whatever other name it is called, has come in for its share of bouquets — or brickbats, depending on who has been doing the talking — during the past few years.

Many people in the poultry industry, which probably has had more business conducted on a contract basis than any other segment of the farming community, believe that most of the woes of that business have been brought about because outside money has come into the industry.

Of course there are many others who will disclaim this contention and say that it has been the so-called outside money that has made it possible for the industry to weather the price storms.

The dairy industry, too, has had a certain amount of contracting in some sections of the country. Beef and hogs have been financed by industries in the corn belt states.

However, up to this time, crop farming has been relatively free of contracts.

But in a recent speech, the president of a giant canning firm hailed contract farming as having become the most satisfactory method for orderly marketing of many food crops.

W. B Murphy, president of Campbell Soup Company, said, "Many crops could be contracted at a tremendous saving to the taxpayers, to the benefit of crop quality, to the benefit of the country's balance of trade, and to the over-all health of American agriculture."

Contrasting the advantages of marketing agricultural products through the free market or crop contracting as opposed to production control under marketing orders or land limitations, Murphy called crop contracting "the most satisfactory method for the farmer, the processor and the consumer", because "over supply is largely eliminated, price speculation is largely eliminated, and crop service work has an ideal atmosphere to take hold. The incentive for high quality is maximized."

Murphy went on to contrast supply control through the use of contracts or government regulations. He cited the machinery needed to police control policies from the government, the difficulty of making regulations fair to all segments of the economy, and the possibility of placing dictatorial powers in the hands of a few officials

Then using Pennsylvania's most widely contracted crop, tomatoes, as an example, Murphy pointed to what he called "the enormous strides" that have been made in the past decade in improved yields per acre and greater net income to the farmer.

He pointed to the fact that total output of tomatoes in the past ten years has increased by 65 per cent. With this we have no quarrel.

But if the total NET income per acre has more than tripled as he contends, why are fewer and fewer farmers in this county growing the red fruit.

We believe some contracts serve a very useful purpose in guaranteeing the farmer a market for specialty items, but we can not agree that all the improvement in the tomato growing business, or in any other phase of agriculture, has come about because some company offers a farmer a guaranteed price.

Contracting companies necessarily have to assume some of the risks of production, and they have to allow themselves a margin to offset possible losses.

Farmers will do well to check carefully any contract for production offered them by any company. We do not mean to imply that the long-standing contracts with reliable companies should automatically be suspect, but no business concern offers a farmer a guaranteed market because of a compassion for the farmer.

At least that's how it looks from where we stand.

Farm Your Best

There is an old story about the agriculture book salesman who told the mountaineer, "With these books you could farm twice as good as you do now." To this the old farmer replied, "Heck son, I don't farm half as good as I know how, now."

This story came to mind this week when we read the report from the Pennsylvania Department of Agriculture's Bureau of Plant Industry stating that a large percentage of the seed going into the ground on Keystone state farms is of sub-standard quality.

We believe there is no excuse for using poor quality seed when it represents such a small portion of the total cost of production. In these days of enlightened farmers and high wages, it is an absolute waste to plant anything but the best seed available.

At least that's how it looks from where we stand.

GARBAGE INTO CHEESE

Although rigid control and sanitation regulations bar a similar occurrence in this country, Italy is rocking from a million-dollar cheese scandle. It seems the cheese was made from garbage. An Italian food inspector was quoted as saying the cheese had "an ugly green color. The binder is a plastic normally used to manufacture buttons. . . "

PRETTY FEATHERS

Feathers are for the birds in more ways than one. The latest is in transforming broiler and turkey feathers into a high-protein meal useful in feeds and valued at $100 a ton.

AMAZING IF TRUE

A startling report from Denmark claims that scientists in that country have developed a process for keeping fresh milk at room temperatures for up to three or four weeks.

THE BIBLE SPEAKS

International Uniform Sunday School Lessons

BY DR. KENNETH J. FOREMAN

Bible Material: Matthew 25:35-40; John 15 9-14, I Corinthians 13; Galatians 3 23-28, Ephesians 3:14-19; Colossians 3 12-17, I John 3 11-18, 4 7-21
Devotional Reading: Amos 9:11-15.

New Kind of Love

Lesson for December 16, 1962

THERE are three ways of knowing what a thing is. First is by looking the word up in the dictionary, or to have some one tell us about it. Second comes the knowing which comes by looking at the thing itself. Best way of all is to have it, so to speak, as part of yourself. For instance, take "strength." Any dictionary will tell you what strength is, in carefully chosen words. You could then tell someone else what strength means, only your telling would be just a matter of remembering the right words. A better way would be harder to forget. Suppose you nearly drowned at a bathing beach, and a lifeguard rescued you Then you would know what strength is, and you would always remember it, even if you forgot what the dictionary said. But the best way of all is to grow strong yourself. Then even if you lost your memory entirely, you would know what strength is.

Dr. Foreman

"Is your heart true to my heart?"

All this is specially true of the much-talked-about thing called, in our language, Love. The Bible has much to say about it. But let no reader of the Bible think that because he has read about it, even on these inspired pages, he now knows love. Every writer of the Bible would agree that to know love truly, we have to be loved, and to love. Nevertheless, the words the Bible writers use are not unimportant. They give us a clue to how we may recognize love, genuine love, from imitations. The Apostle John gives us a rather horrible example of what hate is; and expects us to understand that love is its opposite. Love is NOT like what Cain the murderer felt for his brother Abel. Why did he murder him? John asks. Because his own deeds were evil and his brother's righteous. In other words, because he was bad and his brother good. Hatred comes from lack of unity, love comes from unity of spirit.

Saint John is fond of explaining a thing by naming its opposite. Love, we have seen, is the opposite of hate. It is also the opposite of death. Most people would say off-hand that the opposite of death is life. John would warn that life without love is death. Not to love means remaining in death.—And yet, love may lead to death, literally, and it must lead (or be marked counterfeit) to devotion of life. How would you like to be shut up for hours on end, day after day, with subnormal children who can hardly even talk, cannot hold a pencil, cannot play or move like normal children. Most of us would think that a perfectly horrible existence; but there is a little lady some seventy years of age, who does just that . . . because she loves children like that. And if you think, well, that's an old lady, she can do this, but a young woman, no,—if you think that, you evidently have not met a young woman this writer met members, one of the happiest young women he ever met, who finds her happiness in helping these helpless children. There is more than one way to lay down one's life.

Not in talk but in truth

Saint John is called the Apostle of Love, but he has no exclusive right to that honorable title. No one can read what Paul said in I Corinthians 13 for example, or Peter in I Peter 3:8, 9, or our Lord Himself in the Sermon on the Mount (Matthew 5), to mention only a few of the places (rewarding careful study) without seeing that all agree on this: Love is real when it becomes living acts, something more than word. In fact, John contrasts love "in word or speech" with love "in deed and truth." As we were saying about strength, so with love. We know it a little from reading or hearing about it. We know better when some one loves us, we know it best of all, not when we become eloquent about it but when what we do every day, the way we habitually move and think and act, the way we live, speaks love so plainly no one can miss it.

And now if someone complains that this is too high for us, let us freely confess: This kind of love is so rare as to be a new surprise every time we find it. But find it we do; for it is the signature of God.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service.)

Now Is The Time . . .

BY MAX SMITH

MAX M. SMITH

To Get Your 1963 Agronomy Guide

This is one of the very best Extension Service publications from Penn State University, it covers all types of information relating to all farm crops; every farmer should secure and be guided by this important booklet

To Keep Accurate Farm Records

This practice becomes more important each year and every farmer is urged to recognize the importance of keeping accounts of his business Farm account books are available from our Extension Office at all times. A Correspondence Course from the University is available in eight lessons (course #117 - cost $2.00)

To Provide Cattle Outside Exercise

Many steer feeders keep their cattle too closely confined during the winter months; the open shed or barn is most ideal for local feeding operations Steers that are confined to a warm, poorly-ventilated barn will not eat as good, will require more bedding, and will not utilize their feed as well as those having the freedom of outside exercise and fresh air. Steer comfort requires more hours outside than indoors.

To Protect Trees From Rodents

Rodent injury to your fruit trees and ornamental trees may be very severe in periods of continued heavy snow cover; these trees may be protected by wrapping with fine wire mesh or with aluminum foil; start the material about two inches below the soil line and go about two feet above the ground level; this should give protection from both field mice and from rabbits.

Help Keep Pipelines From Freezing

Repairing the door to the pump house and replacing broken window panes helps keep the water pump from freezing on cold nights. A socket for a heat lamp just over the pump is helpful on extremely cold nights when the temperature drops very quickly, says Henry Wooding, Jr., Penn State extension agricultural engineer.

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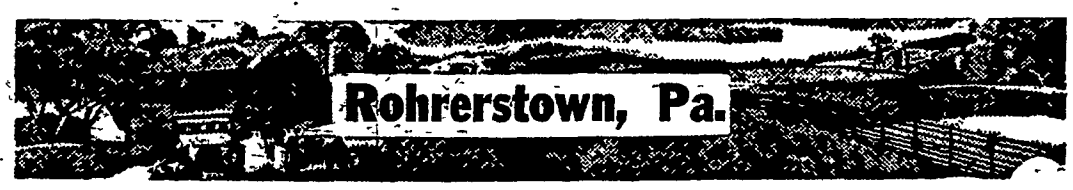

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Overfeeding Of Beef Cows Is Expensive

An overfed cow may look nice, but she isn't as long-lived — or as profitable — as the cow fed just enough to stay healthy, ARS and Oklahoma scientists are finding.

Sixteen of 30 beef cows fed a restricted, but adequate ration since 1948 are still in an experimental herd. In contrast, only 5 of 30 overfed beef cows remain in the herd.

What's more, the leaner females have outperformed their better-fed companions. Accumulative totals show the leaner group had a bigger calf crop (90 percent weaned vs. 84 percent); a higher net return ($29,500 vs. $16,500), and lower feed, pasture, and mineral costs ($375 per cow vs. $645).

The experiment was conducted at the U.S. Department of Agriculture Fort Reno Livestock Research Station, El Reno, Okla., to learn the best amount of feed to give cows on winter pastures.

The scientists intended originally that the maintenance-fed cows would be underfed. The animals each got about 1 pound of cottonseed meal daily from early November to mid-April each year, in addition to free-choice salt and bonemeal. The overfed cows got 2.5 lbs. of cottonseed meal and 3 lbs. of oats daily, plus the salt and bonemeal.

Despite the difference in feeding levels, however, the maintenance-fed cows weighed only about 50 pounds less than the overfed ones at maturity. The researchers say cows on the low feeding level were active grazers, while the others spent more time waiting to be fed.

About 50 percent more of the overfed animals were removed from the herd for failure to calve than those on restricted rations. And disease losses in the overfed group were twice as great.

The maintenance-fed group weaned lighter calves (an average of 479 pounds, compared to 483 pounds), but they lost fewer calves each spring between birth to weaning (3.9 percent vs. 8.6 percent).

Previous studies have demonstrated that when cows don't get enought feed to satisfy their nutrient requirements, their fertility decreases fast.

The researchers say the low level of winter feeding, satisfactory in this study, may not be sufficient in other areas. The cows in both groups always had adequate grazing; each have about 10 acres of excellent native forage.

The largest black bear on record in Pennsylvania is a 633 pound brute, weighed on the scales before being dressed. It was killed by Herman Crokyndall near Milford, Pike County on December 4, 1923. Total length of this record bear, from tip of nose to tail, was 9 feet.

The base of Mt. Kilmanjaro, East Africa, covers an area 55 miles by 35 miles.

Two Countians To Be Judges At Farm Show

Two local agriculture experts will be among the judges at the annual Pennsylvania State Farm Show, January 7-11 in Harrisburg, it was announced this week.

The two men will judge exhibits in the poultry show. Dr. William L. Henning, State Secretary of Agriculture and chairman of the Farm Show Commission, said the poultry and egg judges will select winners from nearly 2500 entries, comprising the largest single department in the whole show.

William A. Ebelhar, Ephrata will judge eggs while the baby chick exhibits will be placed by Dr. E. I. Robertson of Lancaster.

Twenty experts in the industry will judge the poultry exhibits in the 47th edition of the show.

● Co. Dairymen

(Continued from Page 1)

a breed age average of 103 0 percent.

A certificate of this award has been sent to both breeders by The Holstein-Friesian Association.

A bronze year plate will be presented to them at a meeting of Holstein breeders from the area, to be added to the bronze plaque awarded when his herd first achieved the honor.

Tomato Plant Suppliers Are Commended

HARRISBURG — Out-of-state suppliers of tomato plants for Pennsylvania growers in 1962 today had the commendation of Pennsylvania State Department of Agriculture officials for delivering high quality goods that was relatively free from disease.

Dr. T. L. Guyton, director of the department's Bureau of Plant Industry, reported that of 418 lots of plants that were inspected, five were found to be infested with root knot nematodes, although four of the five had only a trace of the microscopic worms. One lot had a 15 per cent infestation. Other pests and diseases were reported practically nonexistent.

W. L. Yount, BPI pathologist who had charge of the state's inspection service, said most of the plants came from Georgia. Other suppliers were from North Carolina, Mississippi, Maryland, Florida, and Virginia.

GAME LAW VIOLATORS

Harrisburg, — Pennsylvania game protectors completed 889 prosections for violations of the Game Law during October, an increase of 83 over the same period last year. T. F. Bell, Chief of the Game Commission's Division of Law Enforcement in Harrisburg, reported that the total amount of penalties collected during the month was $22,199; during October, 1961, the total amount of fines was $23,223,25.

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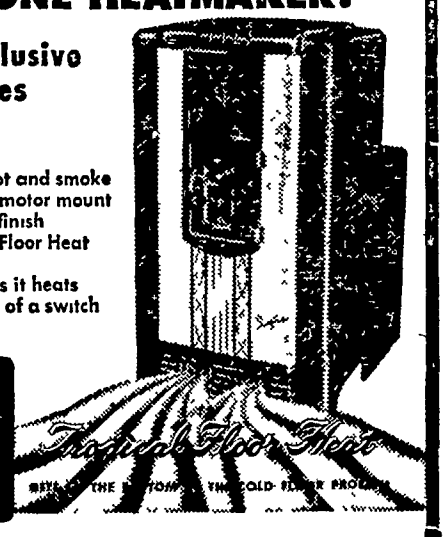

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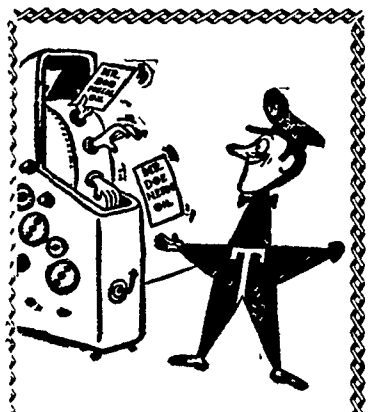

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Babysitting, a Serious Job

Babysitting is a job to take seriously, to be learned, practiced, and improved on, believes Mrs. Marguerite Duvall, Penn State extension child development specialist. For the teenager, babysitting is often the first job that offers pay. It gives the teenager an opportunity to develop high standards of service and responsibility which carry to future employment. It is a preparation for family living.

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Funds Available For Converting Into Recreation

A limited number of farmers in every State will be eligible for cost-share assistance in converting cropland to receation use in 1963, the U.S. Department of Agriculture announced today.

These land-use conversions will be part of the long-range program of land-use adjustment authorized under the Food and Agriculture Act of 1962. The Act authorizes assistance to farmers to convert farms from crop production to grass, trees, wildlife, and income-producing recreation uses. Under this authorization, the Government will share with farmers the cost of conservation measures needed to make the conversions. In addition, adjustment payments are authorized to assist farmers in making the approved conversion from crop production.

Funds available are adequate for pilot type recreation conversions only, in 1963. The State Agricultural Stabilization and Conservation Committees are considering areas for which pilot programs will be recommended for 1963.

Soil, water, forest, and wildlife conservation practices aimed at developing fishing, swimming, boating, hunting, picnicking, camping, and other recreational use of the land will be considered in developing the pilot areas.

Some supermarkets carry as many as 50 different spices.

Seed Potatoes From Pa. Farms Are Disease Free

HARRISBURG — Pennsylvania certified potato seed out-performed seed from other sources in 1962 field comparisons, the State Department of Agriculture reported today.

Dr. William L. Henning, state Secretary of Agriculture, said the favorable showing made by Pennsylvania seed reflects the "constant emphasis on top quality products" for which the state's agriculture has been getting increasing recognition.

Fifty-three potato fields planted with certified seed were inspected by the department's Bureau of Plant Industry for virus infection. Twenty-seven of the fields, totaling 699 acres, has been planted with Pennsylvania seed, the other 26, totaling 261.7 acres, with imported seed.

Fields planted with Pennsylvania seed showed only .05 per cent mosaic as compared to .17 per cent for the others Pennsylvania seed also held an advantage in leaf roll infection, with a count of .61 per cent against .70 per cent for the out of state seed. In total virus count, plants from home produced seed had .66 per cent infection as compared to .87 per cent for the imported stock.

W. L. Yount, pathologist in the Bureau of Plant Industry who had charge of the field inspections, said the plantings

(Continued on Page 10)

● Regional Star

(From Page 1)

his chapter's Star Farmer and Dairy awards, served his FFA chapter as vice president, then president, and the Lancaster-York FFA area as chaplain and parliamentarian. He has been an officer in the Youth Fellowship and has been active in the Lancaster County Guernsey Breeders' Association and in local civic affairs.

The present teacher of Vocational Agriculture at the Elizabethtown Area High School is Elvin Hess.

Winner of the State Star Farmer award is Edward P. Snook, Loganton, Clinton County.

STEER GOES TO SCHOOL at Eastern Lancaster County High School. A demonstration of primal cuts of meat brought an angus steer to the stage of the Garden Spot High School in New Holland during an FFA assembly program Wednesday. Doing the demonstrating, left to right are John Campbell, New Holland R1; Glenn Hoover, East Earl R1, and Dale Herr, New Holland R2. The steer preferred to remain anonymous. L. F. Photo.

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Penna. Farmers Use Poor Seed On Their Farms

HARRISBURG — Despite great strides ahead in farm efficiency, many farmers are still "'way behind the times" in selecting seed for their farm crops, a State Department of Agriculture official said today.

Wendell P. Ditmer, botanist in charge of the Seed Testing Laboratory in the state Bureau of Plant Industry, branded as an "anachronism" the use of low quality seeds on farms that are mechanized, even automated, and are otherwise equiped for modern economical operation.

Fortunately, farmers generally realize the importance of using good seeds, and most seed dealers offer quality products, Ditmer concedes. But. he thinks there are too many exceptions.

Too often, Ditmer notes, farmers plant seed that was grown on their own farms or by their neighbors without its having been cleaned, treated, or tested. He urges, instead, that they take advantage of available quality seed that has been tested and properly labeled.

A random check by state inspectors on seeds that farmers were planting earlier this year showed only 46 per cent fit for planting. Similar checks gave farmers a 66 per cent score in 1961, 64 per cent in 1960.

On one farm visit, Ditmer relates, a check on oats being seeded showed only 34 per cent germination, and what was even worse — the lot of seed going into the ground contained 540 quackgrass seeds per pound In another oats seeding operation each pound of seed contained 338 quackgrass seeds and 266 mustard seeds.

A neighboring farmer was amazed to discover that red clover seed he was sowing contained 1,478 buckhorn plantain seeds per ounce. Even so, he was far outdone by still another farmer whose red clover seed contained 7,902 seeds per ounce of the same weed species.

The answer, Ditmer insists, is to plant only seed that has been properly tested and labeled in accordance with the Pennsylvania Seed Act. "Good stands for forage and small grain are not possible from seed that is low in germination or full of noxious weeds. Read the seed tag carefully. See that the seed comes from a reliable source."

The Navy Cross may be awarded to any person in the naval service who distinguishes himself by extraordinary heroism in connection with military operation against an armed enemy. The Navy Cross is awarded for combat only.

Christmas Trees Are A Hazard If Neglected

A Christmas tree is a potential fire hazard in the home but need not be a danger if certain precautions are taken.

Ornamental horticulture specialists say that water, rather than the so-called "fire proofing" chemicals, should be used to lessen any fire dangers.

The following steps will help insure safety in handling and displaying the Christmas tree:

—Select a healthy, freshly-cut tree.

—Keep tree in water container in a cool, shady spot in the yard until ready to bring indoors. Sprinkle daily with water

—When bringing tree indoors, saw off butt end about one inch above original cut. This aids in water absorption.

—Stand tree in water-filled container that properly supports the tree. Place in area away from fireplaces, radiators or other sources of heat.

—Check electrical wiring to be sure it is safe. Never use decorations such as candles that have an open flame or those made from a flammable material.

—Do not let wrapping paper or similar combustible materials accumulate around the tree.

Bag Quilting

In grandmother's day, every household had a quilt bag . . . but today many homes have bag quilts instead.

Made from cotton feed and flour bags printed in a six-block Early American design, the quilts have a hand-pieced look. Six to nine bags are required to make the quilt, which is easy to assemble and finish.

In addition to quilt-printed bags, many feed and flour bags feature patchwork prints which adapt beautifully to quilts . . . an dalso make attractive chair covers, cafe curtains, and dressing table skirts.

LARRY WEAVER, PRESIDENT of the Grasslands Future Farmer chapter, left, presents an FFA jacket to the newly-elected chapter sweetheart during an assembly program at the Eastern Lancaster County High School Wednesday morning. Miss Linda Weaver, the 15 year old daughter of Mr. and Mrs. Carrol H. Weaver, Terre Hill, receives the jacket from the retiring sweetheart, Miss Cindy Miller, also of Terre Hill. Presentation was made during an FFA assembly program at the New Holland high school Wednesday morning. L. F. Photo.

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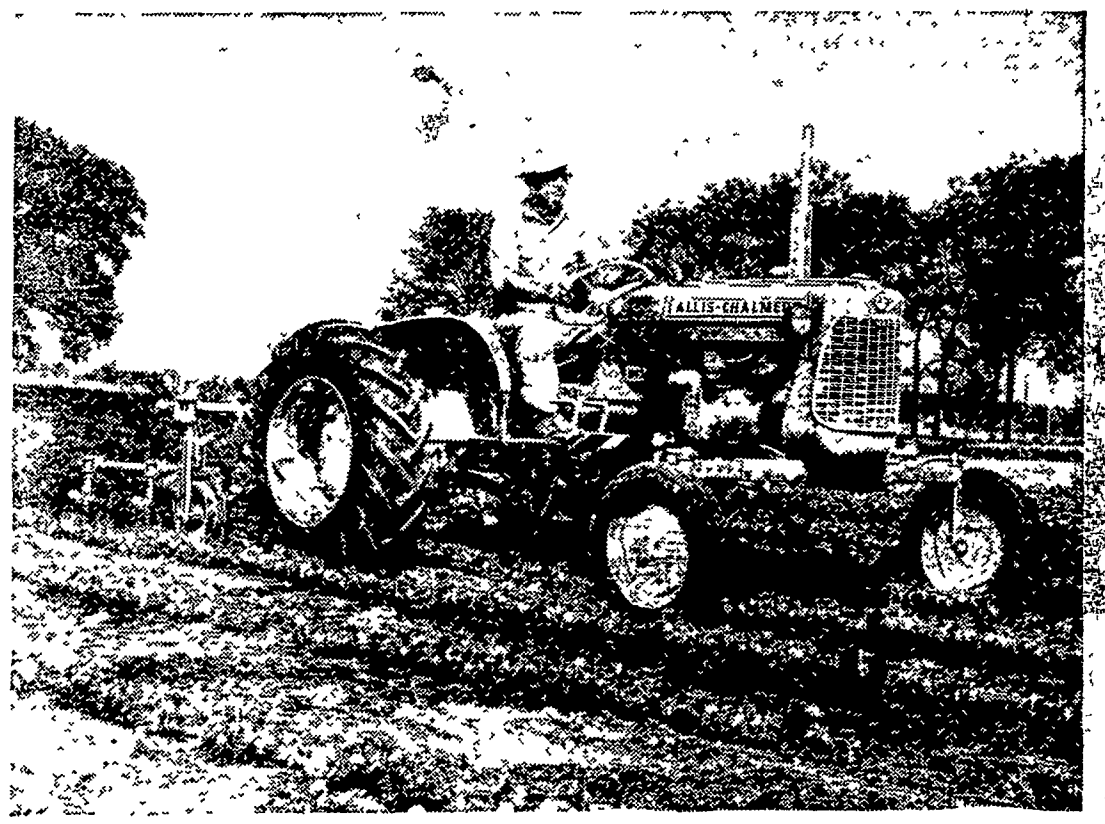

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● Vo-Ag Classes

(Continued from Page 1)

week, the student selects an article of particular interest, reviews it for the class and makes a written report which will become a permanent part of his school notes

Is Lancaster Farming new to the students? On the contrary Six of the seven boys in the class have subscriptions going to their homes

Is there any advantage, then, to having the paper also sent to the classroom?

In the words of one boy, "I used to read only the articles that I thought would be interesting, and sometimes I didn't, have time to read the rest Now I read everything, and find many more interesting things than before"

Another student said, "I usually read only the things about livestock because that is what I am mostly interested in, but I made a report on the egg story (egg washing in processing plants) and I found that was informative too"

But Herr says he believes one of the most important advantages to the program is the increased knowledge of market reports the boys are gaining He says the class is able to discuss market news and trends intelligently since beginning the graphs.

Herr also believes the use of a farm newspaper stimulates more interest in farm management classes than information in text books and other resource materials

"I can say I am more than pleased with the results" Herr said "I think it is one of the best teaching tools I have ever used."

● Farm Calendar

(Continued from Page 1)

cco marketing problems

7 30 p m — Try outs for the annual 4-H play will be held at the Poultry Center, 230 Bypass.

Dec. 22 — 8 p m — Senior Extension club Christmas party at the home of Elvin Hess, Sr, Strasburg R1.

● Seed Potatoes

(Continued from Page 7)

were located in eleven counties — Allegheny, Berks, Bucks, Clinton, Columbia, Lancaster, Lehigh, Dauphin, Somerset, Potter and York.

Only three of the 53 fields exceeded virus tolerances for certified seed. One of these was planted with Pennsylvania seed, the other two with out of state seed. Yount attributed the low virus averages for the entire checked acreage to improved aphid-vector control from use of some of the newer insecticides.

Due to the earth's centrifugal force, objects weigh more at the South Pole than they do at the Equator. This means that 5,000 tons of cargo loaded on a ship in the vicinity of the Equator would actually weigh about 5,025 tons at the Pole.

● Lancaster Poultry

(Continued from Page 3)

WV, 8-6, Daniel K. Good, 14 - 4; 22. Same (Charles Nissley), 800 WV, 8-2, Daniel K. Good, 14.5.

21. Hershey Hostetter, 1450 PLP, 12-6, NO SALE, 22 0 BID; 22. Same, 1450 MWXP, 12-6, NO SALE, 21.8 Bid, 23. Same 450 L&WXP, 12-6, NO SALE, 20 8 Bid, 24. Robert Noll, 750, WVXP, 15-2, W. C. Mellinger & Son, 27.0; 25. Same, 375 WVXP 15-2, W. C. Mellinger & Son, 27 0.

26. M&B (Harold Glick), 725 IRC, 12-0, College Hill Poultry, 25 1; 27. Same, 700 IRC, 12-0, NO SALE, 22 5 BID; 28. Lloyd Rohrer, 1200 WV, 9-4, W. C Mellinger & Son. 15 4, 29. D. E. Horn & Co. (John Munro), 5900 WV, 9-2, Daniel K. Good, 14 6; 30. Same, 5900 WV, 9-2, Daniel K Good, 14 6.

31. M&B (Paul Livengood), 2400 IR, 9-2, NO SALE. 14.1 BID, 32. Same (John Hoffer), 3000 BXC, 11-0, NO BID, NO BID, 33 Glenn H. Herr, 625 L-F, V. J. Koser Co. Inc, 9 2; 34. Landis K Sangrey, 500 L-F, Daniel K. Good, 9.5; 35. Lester M. Hurst, 1250 WV 12-0, NO SALE, 20.0 BID.

36. Clair Frownfelter, 1500 LC, 13-4, NO SALE, 20 0 BID; 37. Sam Eidson, 500 L-F, V J. Koser Co. Inc., 8.6; 38. Harvey M. Zimmerman, 600 WVP, 13-0, W. C. Mellinger & Son, 25 0; 39. Same, 600 WVP, 13-0, Carl B. Risser, 25.2.

● Letters To The Editor

Editor, Lancaster Farming
Dear Sir:

Thank you for the Young Farmer Association Convention coverage in Volume 7, No. 52.

Would you please consider sending me two additional copies of this issue for the State Superintendent and the national Agriculture Education office.

James C. Fink
State Advisor YFA. and Supervisor of Vocational Agriculture. Harrisburg, Pennsylvania.

New Hose Soon

A new runless (run-resistant) stocking will soon appear on the market, says Mrs. Barton, Penn State extension clothing specialist. It will be a flat knit, sheer, dull finish hose. It looks like an ordinary stocking in the box and on the leg. However, it is not to be confused with mesh hose

GRASSLAND CHAPTER

LARRY WEAVER PRESIDENT OF THE Grasslands Chapter Future Farmers of America, left, was awarded the Leon M. Graybill Memorial award from Kenneth Martin, chapter vice president during an FFA assemly program Wednesday. The award, for scholarship and leadership achievement is sponsored jointly by the Future Farmers and the student council of the school in memory of Leon M. Graybill, a charter member of the chapter who was killer in a farm accident in 1960. Weaver, a 16 year old senior in vocational agriculture is the fourth recipient of the award.

L F. Photo.

NEW!
Hoffman
HPS
GRASSLAND SEED
FORMULAS
FOR
HAY • PASTURE • SILAGE

Investigate Hoffman HPS Formulas before you order alfalfa, clover or pasture seed for the spring of 1963!

Heavier yields, real economy, trouble-saving efficiency—these are only three of the key factors behind Hoffman's new HPS Grassland Seed Formulas for hay, pasture and silage. Now you can select from 13 carefully formulated Hoffman grassland seed mixtures the ones most exactly suited for your needs, your soil and climate conditions.

Careful study, testing, and evaluation have determined the scientific compounding of 13 "tailor-made" legume-grass formulas. Each is designed for specific situations. Each includes those varieties which, based on field experience and test work, will do the best job.

Before you plan your spring plantings, investigate Hoffman HPS Formulas. The right balance of varieties may make a sizable difference in your return from every acre. Hoffman HPS Formulas are ready-mixed, pre-inoculated, and ready to sow. Ask your Hoffman Seed Man for details, or Phone 898-3421.

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Hoffman FARM SEEDS
ALFALFA • CLOVER • PASTURE
OATS FUNK'S G HYBRIDS

SAVE with our WINTER DISCOUNT
Winter Discount Fertilizer Will Not Be Delivered Until February
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MARTIN'S Agricultural and Crushed LIMESTONE
Ivan M. Martin Inc., BLUE BALL, PA.
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FOR ANY FARM PURPOSE MADE THE FARMER'S WAY
LANCASTER PRODUCTION CREDIT ASS'N
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New Low Prices on MICHIGAN PEAT for December Delivery
100 lb. bag $1.65
10 - 100 lb. bags $1.55 each
Less 3% Cash Discount if paid by January 15, 1963
Prices after Jan. 1st will be higher. No extra charge for delivery.
P. L. ROHRER & BRO., INC.
SMOKETOWN, PA.
Ph. Lanc. 397-3539

A WHOLE NEW CONCEPT IN MANURE HANDLING!

STARLINE'S NEW SIDE SPREADER
An entirely new method spreads liquids, frozen manure, or in any condition in between. It does the job perfectly — in a controlled, wide, even pattern. And it's so amazingly simple, there's never a maintenance problem.
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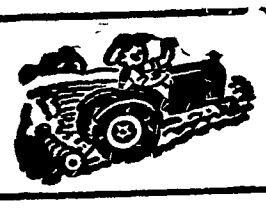
Come in or call for a demonstration today.
YOUR STARLINE DEALER
L. H. BRUBAKER
350 Strasburg Pike - Lancaster — R. D. 3 Lititz
Phone Lancaster 397-5179
Strasburg 687-6002 — Lititz 626-7766



Classified Ads

Farm Equipment

Low priced "36" fans for sheds and steer barns. Hiestand, Inc., Marietta R1, Ph. MA 6-9301.

180 Amp. Lincoln Welder, $125.00. Hiestand, Inc., R1, Marietta. Ph. MA 6-9301.

2 used 200 gallon Girton stainless steel milk tanks. 1 - 270 gal. Wilson bulk tank. Stainless steel, good condition. Used milk coolers.
CLARK ELECTRIC
R1, Kinsers, Pa.
Ph. Intercourse SO 8-8501

1, 2 & 3 point grader blades, snow blowers. Order your guaranteed baler twine now, $6.50 per bale. Special price on new tractor chains. New and used spreaders and loaders to fit most tractors. Ford Farm & Industrial equipment dealer.
KEENER
EQUIPMENT COMPANY
Lancaster Ph. 569-9861

Household Goods

Sales & Service: Water Heaters - Washers & Dryers - Ben-Hur Freezers, Bottled Gas, Tappan Ranges, Benj. Shenk, Lampeter, Pa. Ph. EX 7-2486.

Siegler Oil Heaters
New and used - all sizes.
L. H. BRUBAKER
350 Strasburg Pike, Lancaster
EX 7-5179 Lititz MA 6-7766
Strasburg OV 7-6002

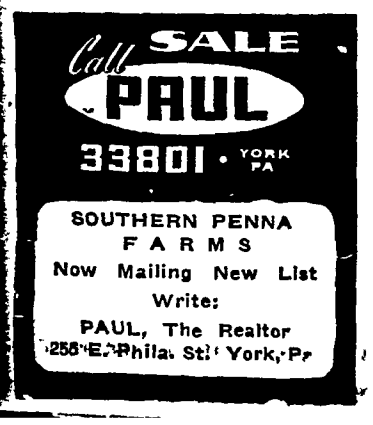
Auction

Save Wed. Dec 19 at 12 30 for the Wright Sale, just off Elmira-Mansfield Road Selling 55 good cert, acc, Nepa-sired and bred, home-raised Holsteins. (40 Mature Animals-Balance Heifers) - A real place to select replacements, eligible for any herd Tractor, Baler, Combine, Dairy equipment, Hay, and Silage. Owned by Mr. and Mrs. Lewis Wright and sold by Rumseys'.

For Sale — DeKalb started pullets. Phone DeKalb York Hatchery, York 8-1770 or DeKalb District Sales Office, Larcaster 394-5157.

Real Estate

FARMS - FARMS - FARMS We specialize in selling Farm Real Estate. Let us show you what we have coming up for sale, or if you intend to sell, we can help you secure the best possible buyer. 35 years experience. Prompt Courteous service, reasonable rates.
SANGER LAND & CATTLE AUCTION CO.
Ph. Myerstown UN 6-4725



Miscellaneous

Does your roof leak? Is your spouting bad? Are you ashamed of the paint coming off your house? If so, call Ralph F. Kline, a RELIABLE CONTRACTOR. Lancaster LO 9-0841; - Ephrata RE 3-1224 - Columbia MU 4-9429; Lititz MA 6-7474.

Adding Machine, desk model, ideal for farm and business use, only $12.95. Send for free literature. Also hand and electric model adders. Nolt's Typewriters, Ephrata R#2, Pa., Call Akron 859-1617.

WATER
"As a rule" can make a good guess whether it will produce 2, 5, 10, 20, 40 or 80 gallon per minute. Contact David B. Fisher, R1, Box 118, Christiana, Pa., 1½ miles East of Kirkwood.

HEALTH FOODS
WALNUT ACRES, Penns Creek, Pa. — The HEALTH FOOD STORE and MILL on an ORGANIC FARM, Pennsylvania's most complete store for NATURAL FOODS. No fresh produce. Write or visit. STORE HOURS (D.S.T.) Week days - 8 to 4:30; closed Sundays, holidays. NOW OPEN Until 4:30 SATURDAYS!

Livestock For Sale

For Sale: Hampshire sheep. Farm flock rams, priced reasonable. Also a fine selection ewes and ewe lambs. For top market lambs buy Green-Meadow Rams. Phone Leola OL 6-9284.
Green Meadow Farms
R.D.1, Bareville, Pa.

For Sale: Spotted Poland China service boars. C Warren Leininger, Denver, Pa. Phone 267-5517.

For Sale: Loose mixed shavings, $14 00 per ton. Better bedding then straw at half the price Phone 392-6127.

For Sale — Registered service age boar, Spotted Poland China, $50 00. 8 months old filly pony colt. $75.00. Will deliver within reasonable distance. Phone Gap HI 2-4601.

AMES IN-CROSS
VANTRESS
BROILER CHICKS
EBERSOLE HATCHERY
R. D. 1, Annville, Pa.
Ph: UNderhill 7-2161

Stanley H. Deiter
Auctioneer & Appraiser
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Ph. Lancaster EX 4-1796

When planning to buy or sell call
HENRY E. SHREINER
Real Estate Salesman
AUCTIONEER
Dial: MA 6-6490 Lititz, Pa.
EX 7-3571

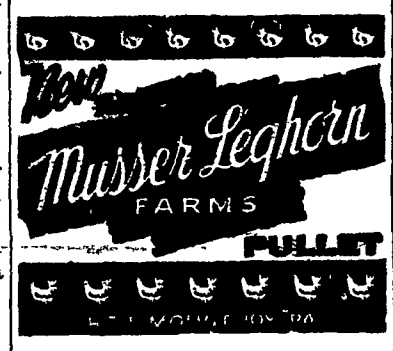
Poultry & Supplies

Egg washers, new and used. Hiestand, Inc., Marietta R1, Ph. HA 6-9301.

For Sale—Demler started pullets. 6 weeks to 20 weeks old. Vaccinated for Bronchitis and Newcastle. Hatchery Owned. Edwin Wallis & Sons, Inc., Liverpool, Penna. Call Lancaster EX 7-0587 or Annville UN-7-2244.

Poultrymen:
We are carrying the full line of Keenco Poultry Equipment in stock.
Automatic feeders
Automatic Waterers
Automatic Egg Washers
Automatic Egg Graders
Aerovent Ventilation
Egg Coolers
Egg Baskets
Float Valves
and many other items.
Also distributing the full line of Kuhl Egg handling equipment. For prompt service just pick up the phone and call 626-2622.
Poultry Automation, Inc.
P. O. Box 142
Lititz, Pa.

Warren-Darby DX Leghorns are great layers. Warren-Darby Associate Hatchery. Keener Poultry Farm, R.D. 1, Elizabethtown. Ph. EM 7-3246.



DEMLER Leghorns
with balance breeding for greatest profits.
Phone or write:
EDWIN WALLIS & SONS
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Layers
Greider Leghorn Farms, Inc.
Phone OL 3-2455
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For Top Brown Egg Production
USE
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SEX-SAL-LINKS
AMSTUTZ HATCHERIES
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PAUL METZLER
New Holland EL 4-2232

Poultry & Supplies

Now is the time to have your dairy barn or chicken house air conditioned by Vent-O-Matic. Control ventilation without drafts. All installation guaranteed. Also other used fans. Also Chore Time poultry equipment. Hiestand, Inc., Marietta R1, Ph. HA 6-9301.

H & N
"Nick Chick"
or Mark II
DAY OLD OR STARTED
Pullet Chicks
FLORIN FARMS
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TWO FINE LAYERS
Babcock B-300—A high speed layer featuring excellent livability and good early egg size.
Babcock B-370—A California Grey by White Leghorn cross featuring white eggs and ability to take stress.
Both of these strains perform well in either cages or high density floor operations.
Write for free literature and prices.
BABCOCK HATCHERY, INC.
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KimberCHIKS
from Hubbard Farms
MAKE MONEY
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HUBBARD FARMS
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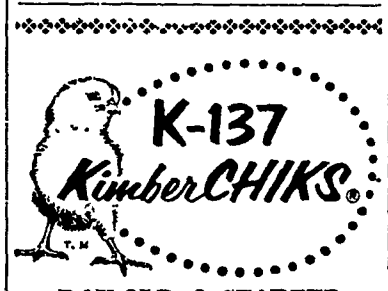

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VANTRESS
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EM 7-1545

Since 1935 . . .
Your Dependable
SALES
EVERY
TUESDAY
STAUNTON LIVESTOCK MARKET INC
STAUNTON VIRGINIA

Mail Box Market

50 Keystone Leghorn pullets $1 40 each. Rat Terrier pups. 2 unit Farmaster milkers, vacuum pump with motor, pipes and stall cocks, cheap Ben R. Beiler, Kirkwood

For Sale 130 acre farm in Perry Co., house, barn, buildings, adequate water for swimming pool. H. J Jones, 119 N 5th St, Newport, Pa.

German Shepherd, Toy Fox Terrier, Dachshund and Boxer pups Also sucking pigs. Lititz 626-6516

For Sale Norway Spruce Christmas trees. Select your Yule tree from our plantation of hundreds of beautiful trees, located at Pine Grove Forest Preston II, Oxford, R. D. 2.

For Rent ½ of farm house, 5 rooms and bath. South of Quarryville next to High School Phone Butler 4-4554.

For Sale 1 - 12x12 brooder house in good condition, new roof Floyd H Ranck, R1, Box 288, Paradise, Pa. Tel. HI 2-4000 or after 6 P M. HI 2-4949.

30 gal Electric water heater, good condition, $25.00 6 can milk cooler, good running condition, $50 00. Phone Strasburg 687-6220.

1400 bales of hay Surge milkers, like new 300 gal. Wilson bulk tank Other dairy equipment Phone Lambert 9-2695.

For Sale Beagle pups, 2 month old $5 00 a piece Vernon R Zimmerman, Bainbridge R D 1, Phone 367-2027.

HELP WANTED

Wanted Married man for poultry and general farming. House furnished. Heisey Leghorn Farms, 653-2221, Mt. Joy, Pa.

PUBLIC SALE DATES

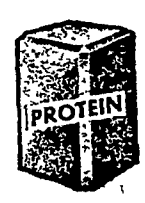
Blue Ball, Pa.
Lancaster County
IMPLEMENTS
MACHINERY
EQUIPMENT
Jan. 2 - 1963 - 9:30 A.M.
Feb. 13 - 1963 - 9:30 A.M.
Mar. 13 - 1963 - 9:00 A.M.
Apr. 10 - 1963 - 9:30 A.M.
We Sell On Commission
MARTIN'S SALES BARN
Ph: New Holland 354-6671

Public Horse Sale

Mon. Eve., Dec. 17
at Blue Ball, Penna.,
Lancaster County

5 registered thoroughbreds, 1 mare in foal, load of Kentucky saddle bred horses, load of standard bred horses, Tack at 6:30. Horses at 7:30.

PAUL Z. MARTIN
Ph. New Holland 354-6671



For INFORMATION on
PROTEIN BLOCKS
AND
MINERAL BLOCKS
See Your Local Feed Dealer or Write
O. W. MEYER LABS. NAPOLEON, OHIO

Producers Co-op Finances Improve During Past Year

For the first time in three years Producers Cooperative Exchange in Coatesville operated on the profit side, it was revealed at the 30th annual meeting of the egg co-op Tuesday night at Pequea Valley High School.

Treasurer Melvin Stoltzfus stated there was considerable improvement in the financial structure during the past year. Earnings for the year were $28,929,60. Taxes, insurance and depreciation on idle plant amounted to $22,-422 35, leaving a net savings of $6 487 25 Stoltzfus pointed out that the sale of poultry equipment and a better earnings position made possible the reduction of debt and an increase in Working Capital of $105,797 95

K M. Souders, General Manager reported dollar volume for the year was $3,704-084 Dozens of eggs marketed totaled 8 824 151, down 7% from last years volume of 9 511 413 Average price to producers including all grades from Jumbo to Grade C was 32 6¢ per dozen Dollar sales of Retail Store were $91,000 00, up 10 5% from last year

Souders reported that all operating departments have shown savings in the first two months of the new fiscal year due to lower unit expenses

Vice President Mark Hess spoke about the new F M C. egg washer soon to be installed Hess explained that in the beginning, for operational reasons, first consideration will be given to producers with a minimum of 15 cases per shipment, which is the same minimum requirement for producers on Cooperative Egg Marketing Agreements. He further stated that producers will save a great deal of time by having their eggs plant washed

President William G Carlin reported on the actions of the Board of Directors He stated that all poultry processing equipment had been disposed of during the past fiscal year and that one portion of the former poultry building had been leased in July 1962 and the balance of the building is being prepared for occupancy on January 1, 1963.

He further reported that the Board of Directors authorized discontinuance of financial support to Pennsylvania Egg and Poultry Producers, Inc in March 1962 However, we are continuing to work closely with the other three Co-ops. in Southeastern Pennsylvania on egg marketing

He expressed belief that due to our improved financial condition over the past year, our working relations with the local bank and Baltimore Bank for Co-ops have been helpful and meaningful.

Stockholders also voted an addition to the by-laws to comply with the new federal tax law.

The new law requires a cooperative to pay a minimum of 20 per cent cash on patronage refunds The balance may be allocated to reserves

The new statute will become effective for the exchange in September 1963

Stockholders also approved an amendment calling for the exchange's fiscal year to end the last Saturday of September

Members also reelected President William G Carlin, Coatesville R1 and Treasurer Melvin R Stoltzfus Ronks R1, to three-year terms on the board of directors

Also elected to the board was Lester D Hershey Parkesburg R2 for a three-year term Hershey, whose father was an exchange founder, succeeded John H Herr, Lancaster R7, who did not seek reelection He is presently secretary

FFA Awards To Go To Local Packing Firm

A Lancaster firm is among 16 organizations slated to receive citations for outstanding cooperation in supporting the Future Farmers of America during the Pennsylvania Farm Show in January.

Kunzler and Company, the Lancaster meat packing firm, will receive the citation for well organized tours of their plant, providing facilities, materials and judges for meats judging contests and annually providing a two-year scholarship in agriculture at Penn State for an FFA boy

Presentation will be made at the annual convention of the state FFA Association in Harrisburg on January 9 during the annual Farm Show.

The first rural mail routes began in West Virginia — about 17 miles long

Start 1963 right with **Florin Farms**

H & N LEGHORNS

Day Old Pullet Chicks

and Started Pullets

(10 to 20 weeks)

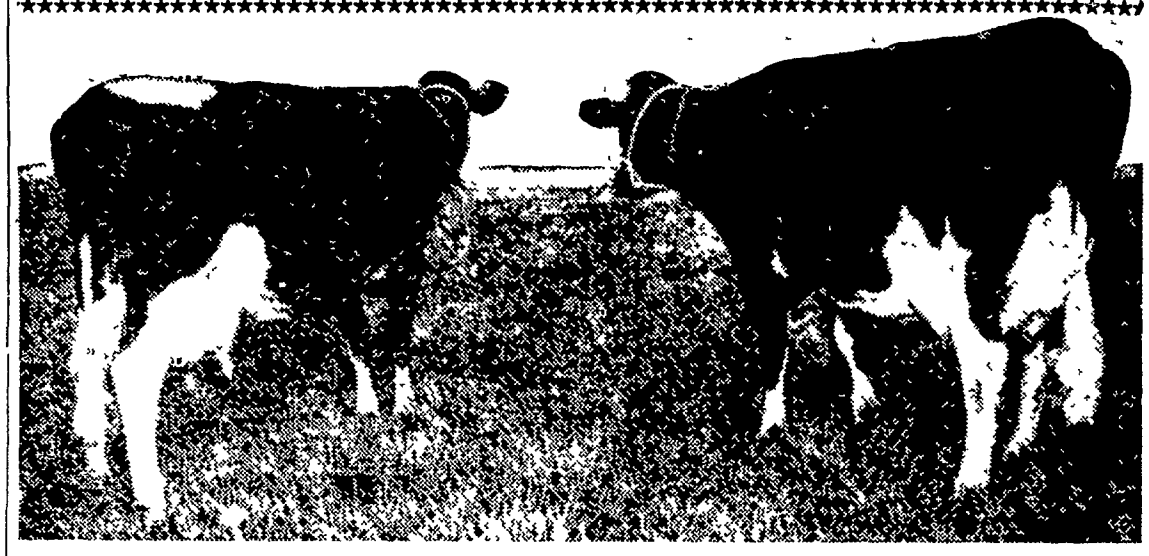
1963 H & N "Nick Chicks" are improved models of the H & N "Nick Chicks" which earned an award* for highest income ($3.12 per hen housed) *USDA summary report ARS 44-79-2. Order today. Write, or call by telephone - 653-9891.

FLORIN FARMS, INC.

Mount Joy, Pa. RFD #1, Box L-176

CHECKERBOARD service bulletin

Which is the better cow?



YOU BE THE JUDGE!

These two cows are from the Purina Dairy Center herd. They're about the same age. Each has calves regularly. Each has produced 15,000 lbs. of milk in her 10 months lactation.

THE COW ON THE LEFT should be the heavier producer, based on her bred-in ability. But she's too thin (because of the experiment she's been on). She's been producing at the expense of her own body.

Body condition is most important in keeping a herd milking at their peak year after year. Body condition depends on proper feeding during the dry period . . . and is maintained by feeding a good milking ration.

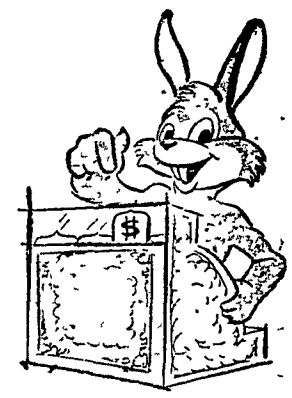
Ask us about Purina's Dairy Feeding Program . . . built by 34 years of research with thousands of cows. It's sure to help your cows give all the milk they're bred to give . . . to help you make top profits from your herd.

Rabbits Go Commercial

American housewives love variety in the meat counter at their supermarket and they'll pay for it, too!

The growing demand for delicious farm-raised, all-white rabbit meat creates a new commercial farm opportunity. Rabbit production, "The Purina Way" may be a sound, profitable (but not get-rich-quick) business, either part-time in the backyard or full-time on the farm.

Talk with your Purina salesman about this opportunity. If you raise rabbits now . . . feed Purina Rabbit Chow, developed at the modern 84-doe rabbitry on the Purina Research Farm, Gray Summit, Missouri.

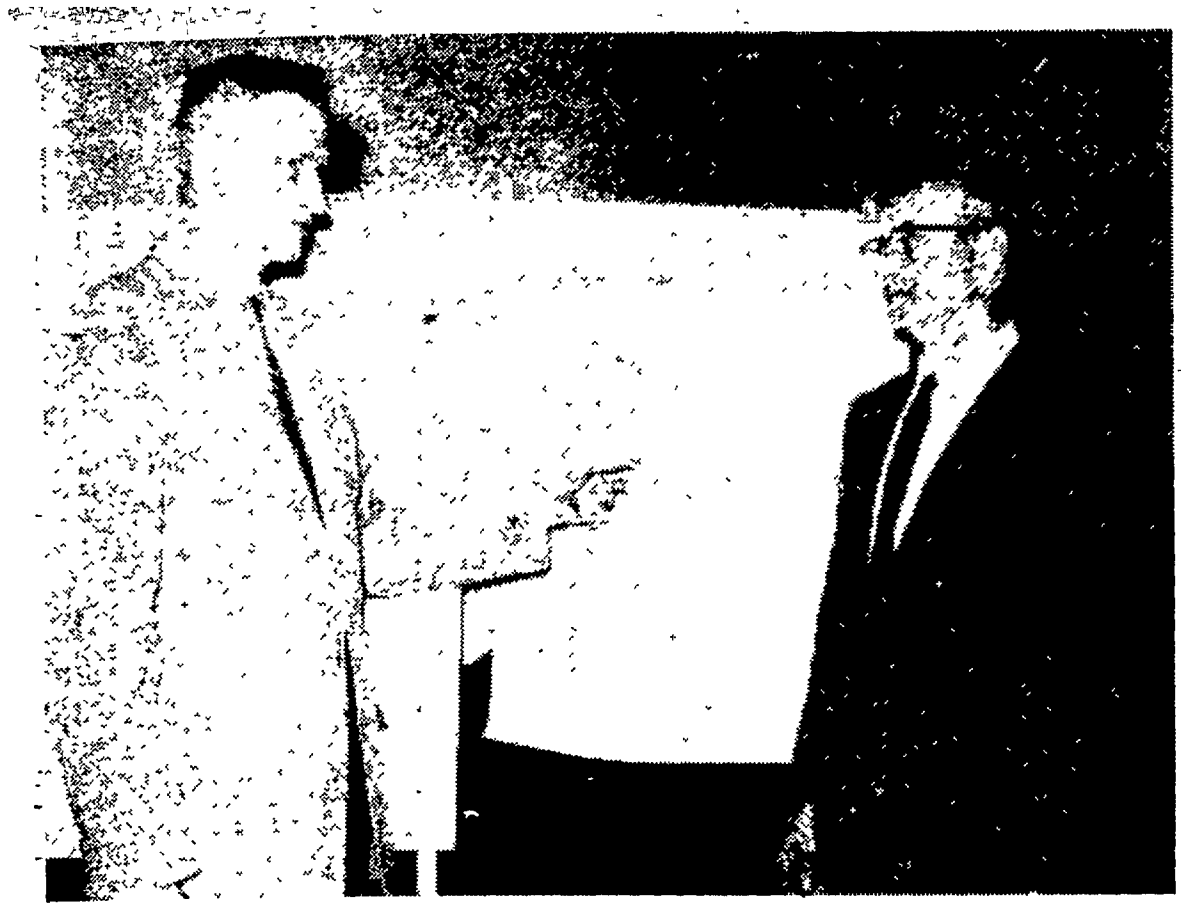


Do You Know . . . Sows Produce 100 Gallons Of Milk Each Year

A brood sow is a factory — a "pig factory" — and she needs help to produce to capacity. At the Purina Research Farm on the Purina Hog Program, sows each year produce more than 100 gallons of milk; wean 18 pigs; and maintain their own bodies. These are mighty big jobs.

Purina Sow Chow — fed with your grain — is designed and researched especially for these big jobs. Get Sow Chow at our store with the Checkerboard Sign.

John B. Kurtz, Cedar Lane
S. H. Hiestand & Co, Salunga
Whiteside & Weicksel, Kirkwood
John J. Hess, II, Intercourse - New Providence
John B. Kurtz, Ephrata
Wenger's Feed Mill, Inc., Rheems
Ira B. Landis, Valley Road, Lancaster
James High, Gordonville
J. H. Reitz & Son, Inc., Lititz
Warren Sickman, Pequea
John J. Hess, Kinzers - Vintage



NEWLY APPOINTED SOIL CONSERVATION FIELD Representative of the state Soil Conservation District, Boyd I. Kinsley, left, discusses plans for the coming year with Amos Funk, chairman of the Lancaster County Soil Conservation District Directors. Kinsley, from the Harrisburg office, had his first meeting with the local directors Monday night. L. F. Photo.

Soil Conservation District Signs Agreements With 45 Cooperators

The Lancaster County Soil Conservation District is only nine new cooperators away from its goal of 100 for the year.

With the acceptance of 45 new applications for conservation plans at the regular monthly meeting of the district directors on Monday night, the total of approved applications for the year reached 91 bringing the total of cooperators to 2105 since the district was formed.

Most of the new agreements came about as a result of a series of watershed meetings held last month in the northern section of the county.

The farmers signed up for free conservation plans on a total of 3,598 acres.

In other business, the directors, with the assistance of Boyd I. Kinsley, newly appointed Soil Conservation Field Representative from Harrisburg, scheduled activities for 1963.

Following are the new cooperators by townships with addresses and number of acres signed up for plans.

West Earl

Isaac N. Zimmerman, Bareville R1, 52; Samuel M. Shirk, Ephrata R2, 67; Ivan K Horst, Ephrata R2, 56; Elam N Martin, Bareville R1, 44; Harry H. Weaver, Ephrata R2, 44; Martin Eberly, Jr., Ephrata R2, 84; Aaron Nolt, Jr, Bareville R1, 100; Amos H Horst, Bareville R1, 47, Henry H. Martin, Ephrata R2, 60, Samuel B Martin, Bareville R1, 56 and 44, Clarence M. Nolt, Ephrata R2, 73.

Manheim

Irwin M. Weaver, Lititz R3, 95; Elvin N. Landis, Lititz R3, 56, Engene G. Hoover, Lititz R3.

Clay

James K Hackman, Ephrata R1, 96, Paul H. Hursh, Lititz R4, 62

Rapho

Ammon Hoover, Manheim R2, 95; Harry K. Brandt, Manheim R4, 69; Peter A. Hernley, Manheim R4, 155.

Conoy

Mervin Miller, Bainbridge R1, 112; Willis Shoemaker,

(Continued on Page 17)

RATS! RATS!

RATS!

"They fought the dogs, and killed the cats,
and bit the babies in the cradles,
and ate the cheeses out of the vats,
and licked the soup from the cook's own ladles."

BUT IN 1962 THE PIED PIPER WOULD BE UNEMPLOYED
AND THE RATS WOULD BE DEPRIVED OF A POPULATION EXPLOSION -
WHEREVER WIDE AWAKE FARMERS USE

EASTERN STATES DUOCIDE RAT CHUCKS

- Pre-Packaged Individual 3-ounce Units
- Safe to Handle
- Simple to Bait
- Moisture Resistant
- Prevents Deterioration
- Less Waste

Eastern States Farmers Exchange, Inc.

New Breakthrough in Dairy Nutrition shows 10% More Milk from Same Amount of Feed with New Ful-O-Pep Catalyzer TRADEMARK Dairy Feed

Almost four years of testing and development at the Ful-O-Pep Research Farm show that new Catalyzer Dairy Feed increases energy production in the rumen by as much as 20% over regular Super Milking Feed—*and an average of 10% more milk after just 4 weeks on feed.*

Ful-O-Pep Catalyzer Dairy Feed contains only natural feed ingredients; you feed it as you would feed any ration, along with your regular roughage.

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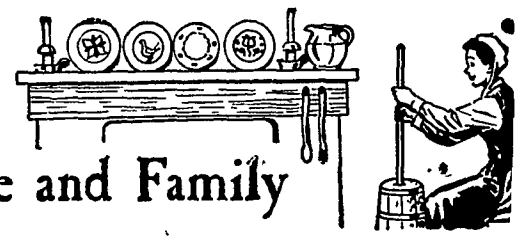

For the Farm Wife and Family

Holiday Dessert Ideas

By Mrs. Richard C. Spence

Looking for a fall dessert that's just a little different? Try apple fritters or apple pancakes rolled up and topped with confectioners' sugar.

If you're not daring enough to serve apple fritters for dessert, try them as an "extra" with pork roast or chops, and serve apple pancakes as a breakfast or supper treat. But, both fritters and pancakes take on special glamor as a dessert item. You can make them while you're preparing the rest of the meal. Tuck them in the oven until dessert time, then serve them piping hot.

APPLE FRITTERS

1 cup sifted flour
½ teaspoon salt
1½ teaspoons baking powder
1 tablespoon sugar
1 egg, beaten
½ cup milk
1 tablespoon melted fat or oil
1 cup thinly sliced apples
Fat for deep-fat frying

Sift together flour, salt, baking powder, and sugar. Combine egg, milk and fat. Add to the dry ingredients all at once, stirring only enough to moisten. Stir in the apples. Drop by spoonfuls into hot fat (350-375 degrees) and cook until browned. Serve sprinkled with confectioners' sugar. This recipe makes 8 small fritters.

* * * *

APPLE PANCAKES

1½ cups sifted flour
1½ teaspoons baking powder
¾ teaspoon salt
1 tablespoon sugar
1 egg, beaten
1 cup milk
2 tablespoons melted fat or oil
2 cups very finely chopped apples

Sift dry ingredients together. Combine the egg, milk and fat. Add gradually to the dry ingredients. Stir only until batter is smooth. Fold in apples. Drop by spoonfuls onto a hot greased griddle. Cook slowly until the surface is covered with bubbles, turn and cook until the bottom is well-browned.

If you like, make the pancakes thin and roll them up before placing them in the warming oven. Just before you serve them, sprinkle each pancake roll with confectioners' sugar.

* * * *

Tender and moist is this coffee cake, deliciously flavored with apples and bran cereal.

BRAN APPLE COFFEE CAKE

¾ cup milk
1 cup 100% bran cereal
1 cup sifted flour
⅓ cup sugar
1 tablespoon baking powder
¼ teaspoon salt
1 teaspoon cinnamon
1 egg
3 tablespoons salad oil
1 cup chopped apples
¼ cup sugar
3 tablespoons flour
¾ teaspoon cinnamon
2 tablespoons softened butter or margarine

Pour milk over bran cereal; let soak 5 minutes. Sift together flour and next 4 ingredients. Beat egg and oil into bran mixture. Add apples, stir in sifted dry ingredients just enough to dampen. Pour into a greased 8-inch square pan. Prepare topping by combining next 4 ingredients. Sprinkle over batter. Bake in a hot oven (400 degrees) 30 to 35 minutes. If desired, sprinkle top with confectioners' sugar. Makes 9 servings.

* * * *

A new kind of apple pie —

APPLE NUTMEG PUFF PIE

The Puffs:

1½ cups sifted all-purpose flour
2 teaspoons baking powder
½ cup lard
½ teaspoon salt
⅔ cup milk, about
⅓ cup sugar
1½ teaspoons nutmeg
Melted butter

The Pie:

4 cups canned apple sauce
½ cup sugar
2 tablespoons grated orange rind
¼ cup orange juice
2 tablespoons quick-cooking tapioca

Combine flour, baking powder and salt. Cut in lard with pastry blender. Add enough milk to make a soft dough. Form into 16 small balls. Combine sugar and nutmeg. Roll puffs in melted butter and sugar mixture. Set aside.

Combine apple sauce, sugar, orange rind and juice. Stir in tapioca. Pour into 9-inch pie plate. Place nutmeg puffs around edge of plate and in center. Bake in hot oven, 400 degrees, 25 to 30 minutes or until puffs are brown. Serve warm or cold with or without light cream. Makes 6-8 servings.

* * * *

CHEESE APPLE CRISP

5 cups apple slices
¾ teaspoon cinnamon
1 cup sugar
¼ cup water
2 teaspoons lemon juice
⅔ cup sifted all-purpose flour
⅛ teaspoon salt
⅓ cup butter or margarine
1 cup grated American cheese

Arrange apple slices in a greased 9 x 9 x 2-inch pan. Combine cinnamon with ¼ cup of the sugar, sprinkle over apples. Add water and lemon juice. Combine remaining ¾ cup sugar, flour, salt; work in butter or margarine to form a crumbly mixture; lightly stir in grated cheese. Sprinkle flour-cheese mixture over apples. Bake in moderate oven, 350 degrees, 55 minutes, or until apples are tender, and topping is crisp and delicately browned. If desired, serve with whipped cream, ice cream or lemon sauce. Makes 8-10 servings.

* * * *

LEMON TOPPED APPLE PIE

2½ cups apple slices
½ cup light brown sugar
2 tablespoons flour
1 teaspoon nutmeg
1 tablespoon lemon juice
9-inch unbaked pastry shell
1 package lemon pie filling mix
½ pint heavy cream, whipped

Dredge apple slices in mixture of brown sugar, flour and nutmeg. Add lemon juice. Pour into pastry shell, cover apples with aluminum foil. Bake in hot oven, 400 degrees, 40 minutes. Prepare lemon pie filling according to directions on package, using 2 cups of

(Continued on Page 15)

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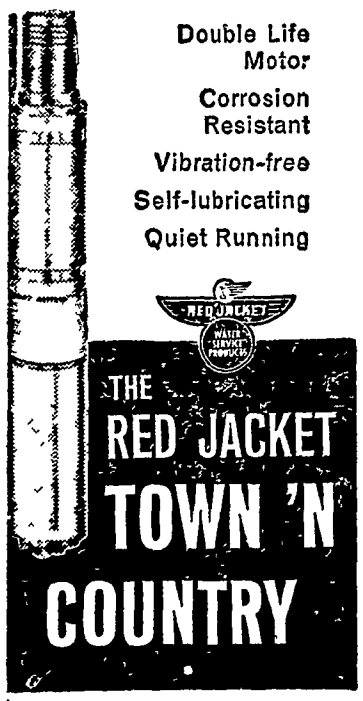

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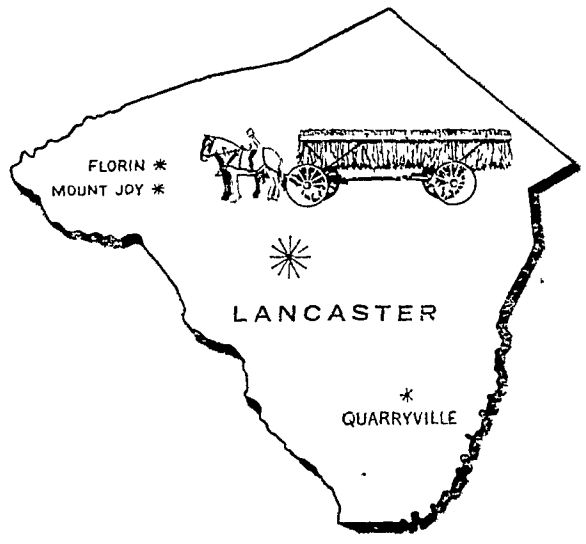

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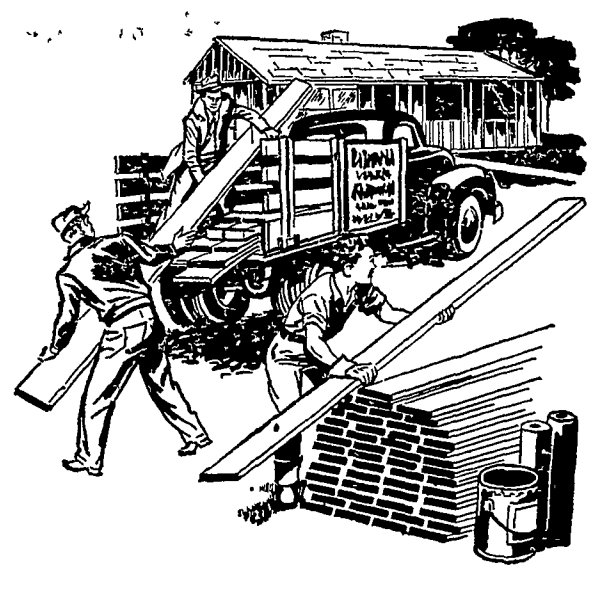

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● For The Farm Wife

(Continued from Page 14)

liquid. Pour over cooked apples in pastry shell. Chill. Just before serving cover with whipped cream. If desired, sprinkle with coconut or pecan pieces.

* * * *

APPLE PAN DOWDY

1½ cups sifted all-purpose flour
3 teaspoons baking powder
2 tablespoons sugar
¼ teaspoon salt
⅓ cup shortening
½ to ⅔ cup milk
2½ cups apple slices
½ cup molasses
¼ cup sugar
½ teaspoon nutmeg
½ teaspoon cinnamon
2 tablespoons butter

Combine flour, baking powder, sugar and salt. Cut in shortening with 2 knives or pastry blender. Add the milk slowly, using just enough to hold ingredients together Roll out into 12" square Lay in 9-inch pie plate Place apples on top, add molasses, sugar, nutmeg and cinnamon Dot with butter Fold ends over apples. Bake in hot oven, 400 degrees, 30 minutes. Makes 6 servings.

* * * *

ROSY APPLE PINWHEELS

2 cups canned apple sauce
⅓ cup red cinnamon candies
½ cup light brown sugar
2 cups biscuit mix
2 tablespoons sugar
⅔ cup milk, about
½ cup light brown sugar
1 teaspoon cinnamon
2 tablespoons butter or margarine

Red Cinnamon Sauce:

Combine apple sauce, cinnamon candies and ½ cup light brown sugar Heat. Pour into greased 9x9x2-inch pan. Mix together biscuit mix, 2 tablespoons sugar and enough milk to hold ingredients together to form soft dough Roll out to 12" x 8" on floured board. Sprinkle with ½ cup brown sugar and cinnamon, dot with butter or margarine Roll dough jelly-roll fashion, beginning at long side. Cut into 16 slices, ¾-inch thick. Place cut side up on apple sauce mixture Bake in hot oven, 400 degrees, 20 to 25 minutes, or until tops are golden brown. Pour Red Cinnamon Sauce over all Bake an additional 5 to 6 minutes or until sauce on top is transparent. Serve warm. If desired, top with whipped cream Makes 8 servings

RED CINNAMON SAUCE

⅓ cup sugar
2½ tablespoons cornstarch
Dash salt
1 2-ounce jar or ⅓ cup red cinnamon candies
1½ cups water
3 tablespoons lemon juice
2 tablespoons butter

Combine sugar, cornstarch, salt and cinnamon candies Add water, lemon juice and butter. Cook slowly, stirring constantly, until slightly thickened. Pour hot over pinwheels. Bake as above.

* * * *

NOTE: For refrigerator cookies add an additional ½ cup flour and shape dough into long rolls. Roll these in chopped nuts and place in refrigerator until chilled Slice into thin slices and bake in preheated 375 degree oven for 10 minutes.

* * * *

PEANUT WHIRLS

½ cup shortening
½ cup peanut butter
1 cup sugar

(Continued on Page 16)

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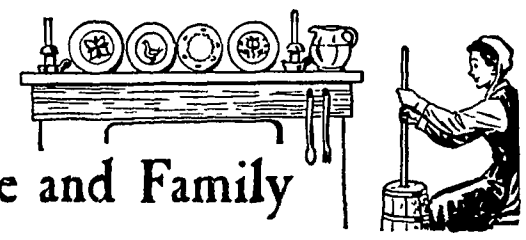


For the Farm Wife and Family

Ladies, Have You Heard? . . .

By: Jane Thurston, Extension Home Economist

For A Quick Freeze

To freeze food quickly, watch where you put it in the freezer

Food freezes quickest when you put it in the center of the freezing shelf of a cold air freezer.

In freezers with cold shelves, food freezes quicker when you place it directly on the first, second, or fourth shelf.

In a cold wall freezer, the closer the food is to the wall, the quicker it freezes.

THURSTON

To Clean A Chrome Lined Oven

The best guide to cleaning a chrome lined oven is the instruction book that came with the range. If no directions are available, you can always use warm sudsy water and a soft cloth.

It will be easier to clean the oven if you do it as soon as it is soiled. A good idea for chrome lined ovens is to set a custard cup full of household ammonia in the oven and leave it there overnight, then wash with warm sudsy water Fine steel wool soap pads help to take off spots.

Good to Know Anytime

Cottage cheese, plain or creamed, is low in calories and high in protein, It is an excellent low-cost meat substitute and a valuable food for weight-reducing diets

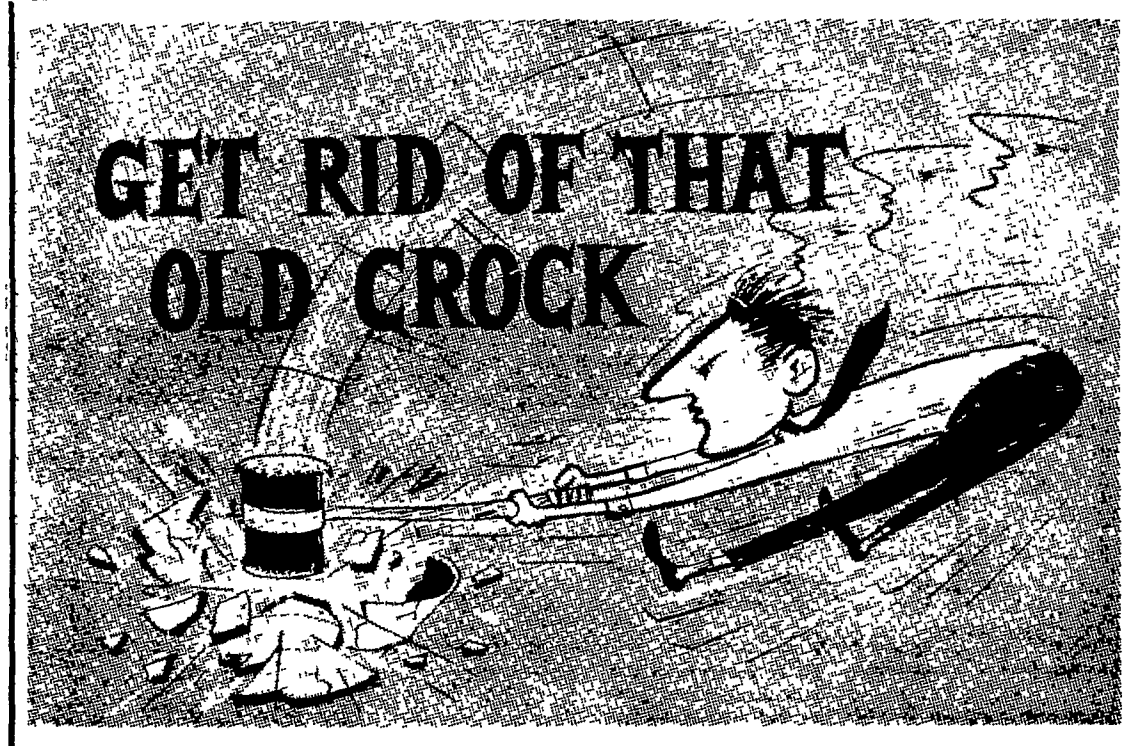
Fresh or canned applesauce mixed with crushed pineapple and served on vanilla ice cream is a quick and tasty dessert

More than half the processed non-citrus fruit Americans ate last year came from the can. The rest was dried, canned juice, and frozen.

Cleaning Sewing Machine

Kerosene will remove gummed oil and grease from machine parts. The presser foot, throat plate, and face plate may need to be soaked in kerosene . . . use a tin coffee

(Continued on Page 16)



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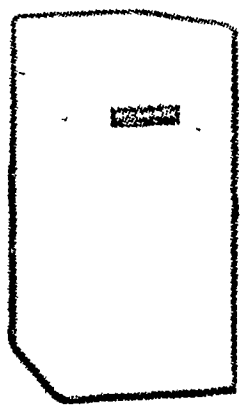

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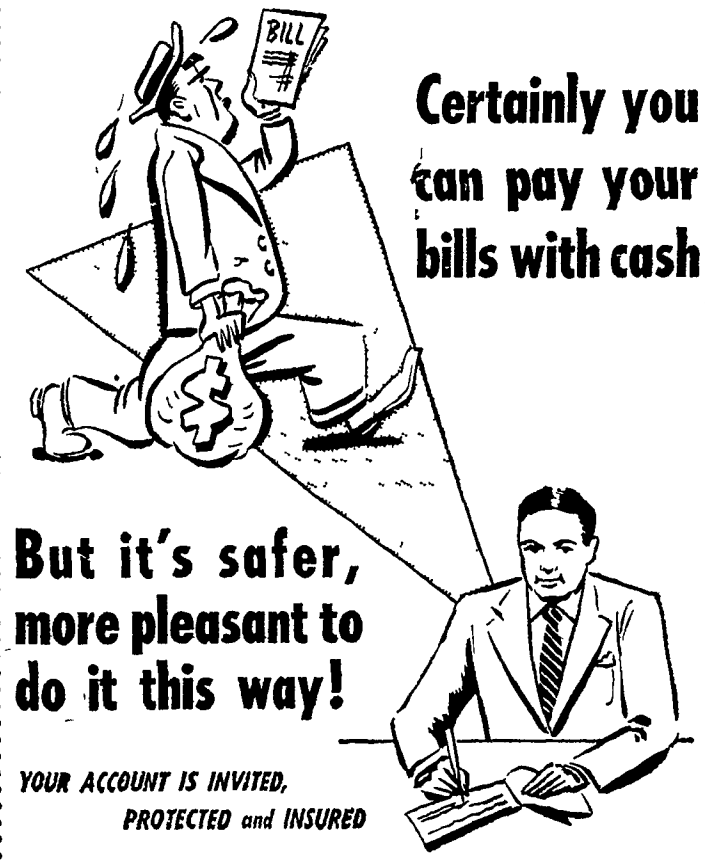
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● For The Farm Wife

(Continued from Page 15)

1 egg
1 teaspoon vanilla
1¼ cups sifted flour
½ teaspoon soda
½ teaspoon salt
2 tablespoons milk
6-ounce package semi-sweet chocolate pieces

Cream together shortening, peanut butter, and sugar Add egg and vanilla. Beat well. Sift together flour, soda, and salt and add to peanut butter mixture, alternately with milk. Turn onto lightly floured board or pastry cloth. Roll into rectangle ¼ inch thick. Melt chocolate pieces over hot water and cool slightly. Spread onto rolled cooky dough Roll as for jelly roll and chill ½ hour. Cut into ¼ inch slices. Place slices on baking sheet. Bake in a moderate oven (350 degrees) about 10 minutes. Makes 3 dozen.

* * * *

RAISIN JUMBOS

1 cup shortening (half butter or margarine)
1½ cups dark or golden raisins
1 cup sugar
1 tablespoon grated lemon peel
2 teaspoons vanilla
2 eggs, beaten
2 tablespoons cream or evaporated milk
2½ cups sifted flour
¾ teaspoon baking powder
1 teaspoon salt

Melt 2 teaspoons of butter and combine with raisins. Chop raisins. Cream remaining shortening, sugar, lemon peel and vanilla together until light and fluffy. Beat in eggs and cream. Resift flour with baking powder and salt; add to creamed mixture. Stir in raisins. Cover and chill until dough is firm, several hours or overnight. Roll one-quarter of dough at a time on floured board to ⅜ to ¼ inch thickness. Cut with plain or fancy cutter. Place on ungreased cooky sheets; sprinkle with sugar. Bake in hot oven (425 degrees) just until lightly browned, about 5 to 8 minutes. Cool on wire racks before decorating or storing. Makes 8 jumbo cookies (6 to 8 inches).

VARIATIONS

CHOCOLATE: Melt 1 (1-ounce) square unsweetened chocolate; cool. Add to creamed mixture. Omit lemon peel and add 1 teaspoon cinnamon with dry ingredients.

MOLASSES: Omit cream and add ½ cup golden molasses. Use 3 cups sifted flour and ½ teaspoon EACH cinnamon, nutmeg and ginger.

* * * *

FUDGE BROWNIES

½ cup (1 stick) butter
1 cup sugar
2 squares (2 ounces) unsweetened chocolate, melted
2 eggs
1 teaspoon vanilla
¾ cup sifted flour
1 cup coarsely chopped nuts

Cream butter; add sugar gradually and beat until light and fluffy. Add chocolate. Beat in eggs one at a time. Add vanilla, and then flour beating until well blended only. Fold in nuts. Turn into 9-inch pan and bake about 30 minutes in a 350 degree oven. Cut and cool.

* * * *

SAUCEPAN SCOTCHIES

(a cake-like bar)

1 stick (½ cup) margarine
1½ cups packed brown sugar
2 eggs
1 teaspoon vanilla
1½ cups sifted flour
2 teaspoons baking powder
1 cup chopped nuts

Melt margarine in a saucepan. Remove from heat. Add sugar and blend. Add eggs, one at a time, beating well. Stir in vanilla, flour, and baking powder. Mix thoroughly. Add nuts and stir lightly to combine. Pour into pan, rubbed with margarine. Bake in a moderate oven (350 degrees) about 30 minutes. Do not overbake. Cool in pan. Cut into bars at serving time. Using a pan 13½ x 9½ x 2 inches, this recipe will make 24 bars, 1½ by 3 inches.

'LASSIES

2 cups sifted flour
1 teaspoon baking soda
1½ teaspoons ginger
1 cup soft butter or margarine
1 cup sugar
2 eggs
½ cup molasses
¼ cup warm water
3 cups whole wheat flakes
1 cup chopped nutmeats

Sift together flour, soda and ginger. Blend butter and sugar; add eggs and beat well. Blend in molasses and water. Add sifted dry ingredients together with whole wheat flakes and nutmeats; mix well. Drop by tablespoonfuls about 2 inches apart onto greased baking sheets. Bake in moderately hot oven (400 degrees) about 9 minutes. Makes about 6 dozen cookies.

A women needs 12 milligrams of iron each day, and liver will give 8 of that total, says Louise Hamilton, Penn State extension nutrition specialist. One egg or a serving of broccoli or brussels sprouts adds another milligram. Two slices of whole wheat bread add a milligram. Leafy green vegetables are a good source of iron with one serving giving about 2 milligrams. Meat, other than liver, averages about 3 milligrams for each serving.

● Have You Heard?

(continued from page 15)

can or similar container for holding parts that need to soak.

Use a brush to remove lint and dust from all the working parts you don't take off the machine.

Locate all the oil holes and use a drop of cleaning fluid in each hole and wherever metal works against metal. Run the machine fast to force the cleaning fluid to all moving parts. This should dissolve grease or gummed oil. Wipe off all cleaning fluid, oil the machine in the usual way, and replace parts. Run the machine so oil gets to all moving parts.

Your instruction book is the best guide to oiling the machine and for regular care. Keep the book handy for easy reference.

Freezer Checklist

It pays to know what's in the home freezer . . . and it's a good idea to post a list of frozen foods near the freezer and keep it up-to-date.

List each food when you put it in the freezer, the number of packages, and the date you put it in. Mark the date on each package.

It will be easier if you store like foods together. Move foods already in the freezer to the front so you use them first.

Cross each package off the list when you use the food.

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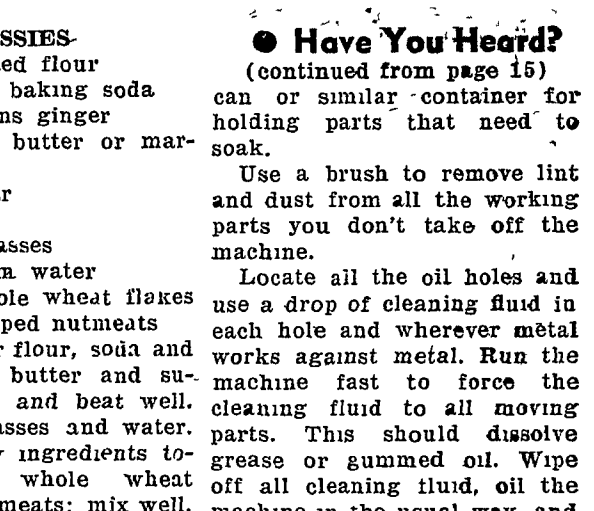

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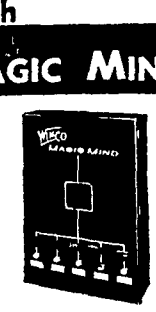

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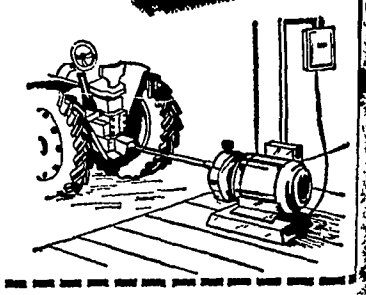

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Five Countians Receive Awards At Penn State

Five Lancaster County residents and two from neighboring counties were among the 103 students receiving scholarship grants at a recent meeting on the campus of the Pennsylvania State University.

The scholarships were donated by 53 organizations and agencies, according to Russel B. Dickenson, Associate Dean and Director of resident instruction. Donors present the awarads as memorials, business and industry gifts and achievement awards. A total of $20,770 was presented.

Recipients from the local area are as follows:

Kenneth Eugene Porter, Washington Boro, R1, $200 from the Humble Oil and Refining Company Scholarships; $240 from the Pennsylvania Power and Light Scholarship, and $200 and a key from the Soil Fertility Achievement Award of the National Plant Food Institute.

Harvey M. Gipe, Elizabethtown, $150 from the Arthur C. Bigelow Memorial Scholarship.

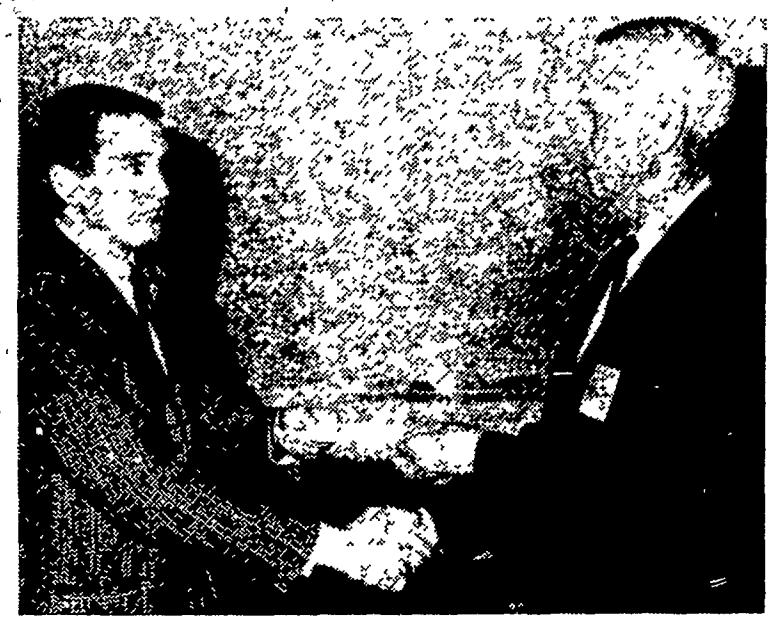
Richard P. Lorah, Reinholds, $240 from the Pennsylvania Power and Light Company Scholarship.

Terry L. Wittenberg, Strasburg, $40 from the Alan Nutt Memorial scholarship.

Earl B. Gerlach, Lancaster, $600 from the Price Poultry Scholarships.

Richard W. Walter, Cochranville, $300 from the Sears Roebuck Agricultural Scholarships.

Duane Dearoff, Dillsburg, $100 from Boys' Working Reserve of Allegheny County Scholarships.



Kenneth E. Porter of Washington Boro R1, left, is presented a $200 award at the Pennsylvania State University. Howard B. Sprague, head of the Agronomy Department at the university, represented the National Plant Food Institute in making the presentation for soil fertility achievement. Porter, a senior in agronomy, won a total of $640 in scholarshops during a recent "Ag Hill Party" on the campus. L. F. Photo.

Most any simpleton can do the right thing in the wrong way, but nobody can do the wrong thing in a right way.

Farm Women 22 Make Donation

Members of Farm Women Society 22 voted a donation to Muscular Distrophy Fund at the Tuesday Christmas party in the home of Mrs. Lloyd Herr, Lancaster R6.

Mrs. Mervin McMichael was co-hostess. She also led the devotions. Roll call was answered by members reciting a favorite Christmas Bible verse.

Mrs. Ralph Martin was received as a new member.

The program featured 10 favorite slides of each of the members. The next meeting will be held Tuesday, Jan. 15, at 1:30 p.m. at the home of Mrs. Carl Diller, Refton. Mrs. Hebron Herr will be co-hostess.

● Soil Conservation

(Continued from Page 13)

Bainbridge R1, 134.

West Donegal

Robert C. Shearer, Elizabethtown R1, 130, Wilmer H. Kreider, Elizabethtown R1, 63, Claude H. Frey, Elizabethtown R1, 41; Leroy E. Rutt, Elizabethtown, 123; Phares B. Longenecker, Elizabethtown R1, 141.

Penn

Earl D. Wenger, Manheim R3, 147; C. Elam Wenger, 46; Daniel K. Hershey, Manheim R3, 98; Norman D. Sauder, Manheim, 25 and 27; John F. Bruckhart, Manheim R3, 45, Carl W. Nestleroth, Manheim R3, 147; Carl G. Galebach, Manheim R3, 46; J. Harold Grube Elm, 36.

Warwick

Roy B. Stoner, Lititz R2, 70; Levi Hertzog, Lititz R2, 116.

East Lampeter

Raymond Landis, 172 Oak View Road, Lancaster, 45 and 70.

West Hempfield

Frank B. Null, Columbia R1, 20.

Mount Joy

Robert G. Brubaker, Elizabethtown R3, 165.

Elizabeth

Vernon H. Foreman, 64.

Salisbury

R. John Yost, Narvon R2, 119 and 124.

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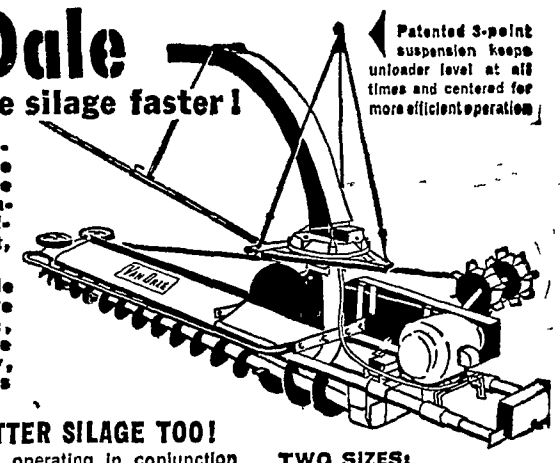

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David Lapp Describes Life In New Zealand

Ed. Note: This is the second in a series of excerpts from a letter written by David Lapp, son of Mr. and Mrs. John Lapp, Bareville R1. David is spending six-months in New Zealand as an exchange student in the 4-H International Farm Youth Exchange program. He is writing about the dairy farm of his host family.

They have quite good pasture, a mixture of meadow grasses which they call rye and clover. The clover causes quite a problem in wet weather. It isn't uncommon to lose two or three cows a year with bloat. Until recently they did not know how to control the bloat. Then they discovered they could do so by spraying each pasture with peanut oil before they pasture it. This becomes rather expensive, so they usually just shut this pasture off to the cows until the bloat scare is over.

On this farm of 240 acres they had 140 milking cows which were Jerseys, and 60 yearlings which they were

David Lapp

breeding at the time. On the milking cows, they use artificial insemination. They are all bred during a period of six weeks. This makes it possible for the farmer to have them all calve about the same time, giving him two months out of the year when they are all dry. This is usually during their winter.

They also had 60 calves which they are feeding on grass alone. They are very healthy, in spite of the fact that I was told in Lancaster County we have to feed our calves on hay and grain until they are at least 10 months old.

Each farmer tries to work for a cow and a half to the acre, and as much butter fat as he can get. Milk goes for cheese and butter, which are second only to wool in exports. So they try to get as much fat off each acre as possible. On the farm I stayed, they got the average of 29 pounds of milk per cow per day in the two weeks I stayed there. This gave them a total of 4,000 pounds per day. This is the spring of their year, and they thought they were doing fairly good. For all you Holstein Breeders in the county, I sure tried my best to sell them the breed, but they just laughed at me. I told them that we get 400 to 600 pounds of fat per cow, compared to their 300 pound average. They told me that they used to have some Holsteins but found they can only pasture three per acre, whereas they could pasture four or five Jerseys. They are, however, doing quite a bit of cross breeding between Holsteins and Jerseys.

Another thing I though was quite interesting was the price they get for milk. They just get $1.25 to $1.50 a hundred. They also get paid by butter fat content; so they would complain when they got their check from the factory saying they just got a 4 2 test. I asked them, since they are a co-op, and each farmer has a vote in their factory, why they don't do something about it. They didn't know.

Since their milk goes for cheese, they don't have such a stiff inspection, but if they are found to be shipping milk with mastitis they get stopped. They cool their milk only by running it over cold water pipes, then into a milk can. They are starting to get stainless steel tanks, but the milk is still cooled the same way, then pumped into the tank.

When I told them what we get for our milk, they said it sounds all right, but wondered why we have so much surplus. Another thing he said was why we have such a high overhead and need the money to run our expensive equipment. Here I talked up and said that I think they could have twice as many cows if they would put them on a dry lot and chop all the grass and bring it to the cows. To this he said, "We already produce more butter and cheese than we can sell on the world market for a good price."

They pay the equivalent of 24¢ a pound for butter and 12¢ for a loaf of bread in the stores. He said until they get more markets and the Common Market gets started, it wouldn't pay them to buy the heavy machinery.

I had to appreciate my host father very much, because together I believe we learned quite a bit, even though we can't do much about solving the many problems the world has. Sometimes we thought we came up with some good ideas.

Buying Avocados

You may find avocados displayed in stores in two ways — firm, and soft, ready-to-eat, explains Harold Neigh, Penn State extension consumer economics specialist. Firm fruit must be left at room temperature until it is soft, and this may take two to four days. Ready-to-eat fruit is conditioned ahead of time to use at once. The flesh of this fruit is delicate. To test for softness, hold the fruit in the palm of your hand, and if it feels soft to the touch it is ready to eat.

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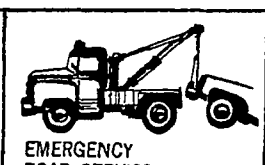
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SCHOOL PATROLS
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GOOD ROADS
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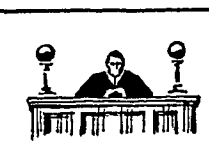
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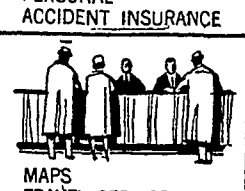
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Please send a CHRISTMAS GIFT membership
To _____
This application to be used for NEW MEMBERS ONLY
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MUST RESIDE IN LANCASTER COUNTY
INDICATE (X) HOW YOU WANT DELIVERY MADE
Send gift package direct ☐ Send to me ☐
Sender's Name _____
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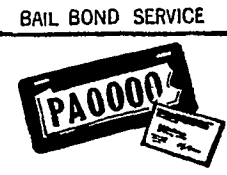

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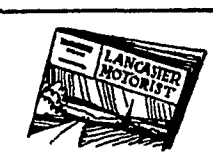
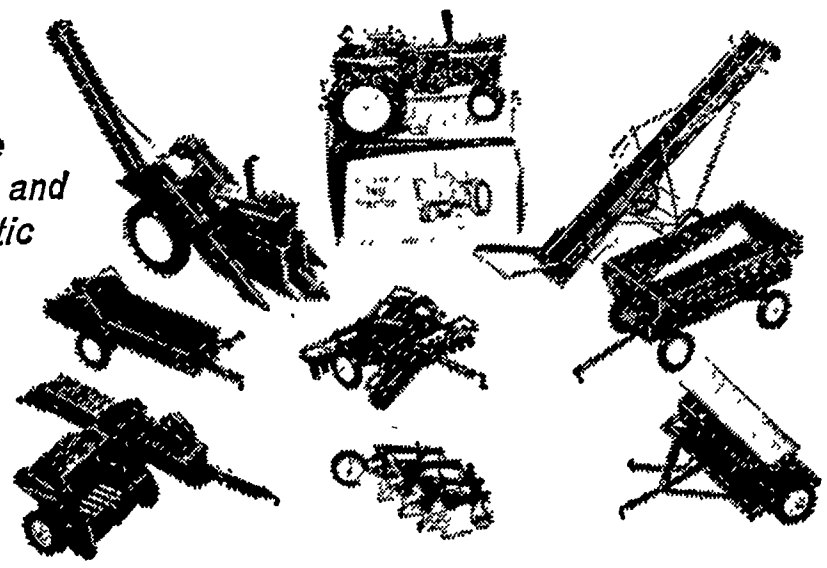


MONTHLY MAGAZINE

Dues ... $ 7.50
Entrance Fee ... $ 2.50
TOTAL ... $10.00

No entrance fee for a person residing with a present member. FEE ... $7.50



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Give your youngsters more year round fun with John Deere toys

The living room, sandbox, or back yard—wherever youngsters play—becomes a true-to-life farm with John Deere Toys at play. Their realism makes fun come naturally.

The sturdy tractor hooks up to a line of equipment that'll handle big jobs like baling, plowing, disking, corn picking, and other important farm work for years to come. These toys are made for having fun—made to last.

Stop in at our store today. Let us equip your youngster for the "farming business," too!

See the entire line at our store

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COWS PROPERLY CONDITIONED during the dry period PRODUCE UP TO 25% MORE MILK!

600 pounds of PIONEER DRY and FRESHENING yields an extra TON OF MILK!

BEFORE CALVING This cow was fitted the Pioneer program for 60 days before ving. Note the excellent "dry cow" body ition.

AFTER COMPLETING RECORD The e cow after having produced 23,044 lbs. milk and 941 lbs. of fat as a 4 year old. e the extreme dairyness and exceptional dy condition shown after this cow produced 1½ tons of milk!

Proper feeding of the dry cow is the most important single factor affecting herd health, longevity, and a sustained high level of milk production. In 60 days, while the cow is dry, Pioneer Dry and Freshening feed will repair the body from the previous lactation, build a reserve of body condition for the next lactation, and develop a stronger calf. In addition your cows will have less calving difficulties, eliminate placenta quickly, have less udder congestion, and *most importantly they will produce up to 25%* more milk!

See us today for full particulars.

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BEST FOOD BUYS
Avoid The Holiday Rush

If this holiday season is like most others, and chances are good that it will be, Mother is going to be busier than any two people ought to be No matter how carefully you plan your schedule, at the last minute there just won't be time enough to do everything. So, act now and you'll have more time to relax with the family later on, suggests Tom Piper, Penn State Extension Marketing Agent.

Better check the cupboards and the spice rack to make certain that you have all the ingredients for that extra baking. For further saving in time, why not make up rolls of cookie dough and store them in the freezer ready to slice and place in the oven at the last minute. If there's room in the freezer you may want to store pies, cakes or even complete meals, this will provide more free time later for last minute shopping and attention to other details.

Beef bargains are expected to be more abundant this week as retailers seek a change-of-pace meat for consumer incentive Pork continues to offer real value for the meat dollar with pork loin roasts, chops, picnics, bacon and smoked butts attractively priced Slightly higher prices are noted for lamb and chicken Turkey future prices have slipped lower on the Mercantile Exchange board, an indication that retail prices may assume this trend next week.

Farm Women 8 Hold Election

Farm Women Society 8 elected Mrs William H Heisey president at a recent meeting in the home of Mrs. Warren Heisey, Mount Joy.

Mrs Heisey, whose term is for a period of two years, will take over her new duties at the January session She will replace Mrs Lewis Bixler, retiring president.

The program also included a Christmas cookie swap for which each member brought 40 cookies, and a talk on "In Calvary" by Mrs Richard Todd Thirty-one members and two visitors were present. The next meeting will take place Saturday, Jan. 19, the site to be selected.

PUREBRED GUERNSEY SALE

Monday, December 17th, 12:30 NOON

At the Ass'n. Sales Pavilion, 6 miles E. of Lancaster, Pa. on Rt. 30

64 Head - 1 Bull - 35 Cows - 10 Bred and 13 Open Heifers T.B. and Bang's Cert. Vacc.

Majority fresh or due within 30 days of sale date — includes the entire milking herd from William Gnagey, Meyersdale, Pa. The herd was purchased last year with every cow having a record of 10,000 pounds milk up to 15,000 pounds of milk.

Added consignments of finest quality are ready to make you money. 13 open heifers ready to breed, some with outstanding pedigrees.

20 SOUVENIRS TO BE GIVEN AWAY! YOU DON'T HAVE TO BE A BUYER.

Come and help us celebrate the last sale of the year, MONDAY, DEC. 17th. You will be pleased with the offerings.

SALE MANAGED BY:
THE PENNSYLVANIA GUERNSEY BREEDERS' ASS'N.
P. O. Box 458 — CAMP HILL, PA.

Livestock Auction Market

EVERY TUESDAY

Starting Promptly at 1:30 p.m.

Starting with bulls, steers, heifers, cows, hogs and calves.

We get top $$ for your Livestock
Give us a call — HI 2-4181

Vintage Sales Stables, Inc.

VINTAGE, PA.

Frank Dussinger, Manager

New Holland Sales Stables

Horse Sale — Every Monday at 11 A.M.

Fat Hogs & Calves — Every Monday at 2 P.M.

Dairy Cattle — Every Wednesday at 12:30

Beef Cattle and Calves — Every Thursday at 12:30

JOHN H. GINGRICH, Mgr.

Ph. New Holland 354-2194 — **New Holland, Pa.**

HERD RECORDS TELL SUCCESS STORY

MILK PRODUCTION UP 1387 lbs.

BUTTERFAT UP 47 lbs.

LLOYD RANCK HOLSTEIN HERD SHOWS STEADY IMPROVEMENT!

"Herd Averages"

Year	Milk Production	Butterfat
1959	12,197 lbs.	465.2 lbs.
1960	12,839 lbs.	503.0 lbs.
1961	13,263 lbs.	510.0 lbs.
1962	14,650 lbs.	557.4 lbs.

"Individual Performances"
Comparison of 1961 & 1962
305 Day Lactation Period

MILK PRODUCTION

Name	1961	1962	Increase
Gu	10,473	12,925	+2,452
Peny	12,077	13,709	+1,632
Gal	13,532	15,986	+2,454
Boom	15,349	18,248	+2,888
Bess	13,508	21,767	+8,259

BUTTERFAT

Name	1961	1962	Increase
Gu	385	458	+ 73
Peny	432	563	+131
Gal	531	645	+114
Boom	581	685	+104
Bess	512	824	+312

LLOYD and RUTH RANCK proudly display DARI-PAK PELLETS and a sample of the QUALITY MILK they are producing.

LLOYD RANCK is pleased . . . .

. . . with the steady improvement of both Milk Production and Butterfat. Careful breeding, accurate records and up-to-date management practices are paying off for him. Foregoing any change in the present production, the herd average this year will exceed 15,000 lbs. of milk.

Lloyd is a strong supporter of the Farm Bureau COWculator (Miniature electronic computer that takes guesswork out of feeding) and Farm Bureau's now famous DARI-PAK PELLETS. The COWculator has helped him feed more efficiently — treating each cow as an individual. DARI-PAK PELLETS, in addition to their outstanding milkmaking quality, meter accurately and quickly in Lloyd's milking parlor. Quick clean-up is assured because they are palatable.

We at FARM BUREAU are . . . .

. . . proud of the records accomplished by Lloyd and Ruth. They are milking a fine herd of "34" Holsteins. Many years of careful selection, breeding and a lot of "pencil pushing" preceded the success that is now enjoyed by the Ranck's. An inspection of this modern, efficient and immaculate dairy operation tells the management story much better than we are able.

We are also proud of the part Farm Bureau's DARI-PAK played in helping accomplish another outstanding record. Here is a dairy feed that is carefully balanced with the proper milkmaking nutrients — and at a price that you can afford to pay.

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